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Service Manual

ORDER NO.
RRV3768

DVD/CD RECEIVER
XV-DV171

THIS MANUAL IS APPLICABLE TO THE FOLLOWING MODEL(S) AND TYPE(S).

Model	Type	Power Requirement	Region No.	Remarks
XV-DV171	WLXJ	AC 220 V to 240 V	3	
XV-DV171	NAXJ5	AC 220 V	6	
XV-DV171	NTXJ	AC 220 V	3	
XV-DV171	TDXJ/RB	AC 110 V to 240 V	2	
XV-DV171	YPWXJ	AC 240 V	4	

This service manual should be used together with the following manual(s).

Model No.	Order No.	Remarks
XV-DV575/WYXJ5	RRV3748	

For SPECIFICATIONS and PANEL FACILITIES, refer to the operating instructions.

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PIONEER EUROPE NV Haven 1087, Keetberglaan 1, 9120 Melsele, Belgium
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SAFETY INFORMATION

This service manual is intended for qualified service technicians ; it is not meant for the casual do-it-yourselfer. Qualified technicians have the necessary test equipment and tools, and have been trained to properly and safely repair complex products such as those covered by this manual.
Improperly performed repairs can adversely affect the safety and reliability of the product and may void the warranty. If you are not qualified to perform the repair of this product properly and safely, you should not risk trying to do so and refer the repair to a qualified service technician.

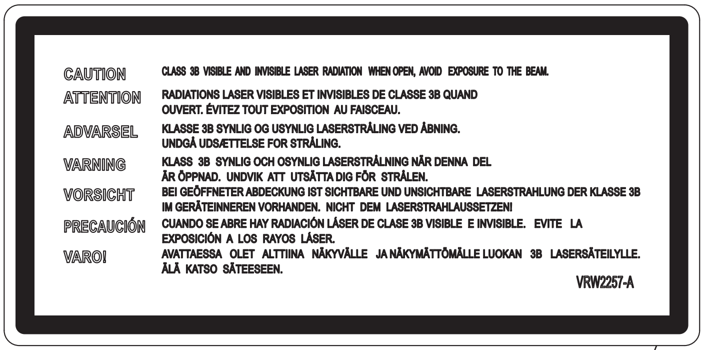
WARNING !

THE AEL (ACCESSIBLE EMISSION LEVEL) OF THE LASER POWER OUTPUT IS LESS THAN CLASS 1 BUT THE LASER COMPONENT IS CAPABLE OF EMITTING RADIATION EXCEEDING THE LIMIT FOR CLASS 1.
A SPECIALLY INSTRUCTED PERSON SHOULD DO SERVICING OPERATION OF THE APPARATUS.

LASER DIODE CHARACTERISTICS

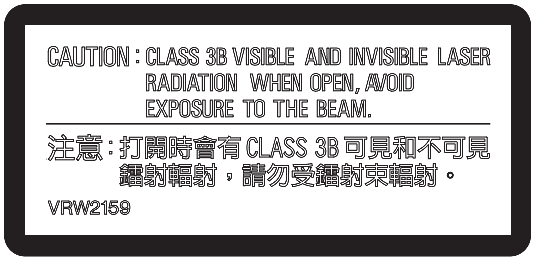
FOR DVD : MAXIMUM OUTPUT POWER : 5 mW
WAVELENGTH : 650 nm
FOR CD : MAXIMUM OUTPUT POWER : 5 mW
WAVELENGTH : 780 nm

LABEL CHECK



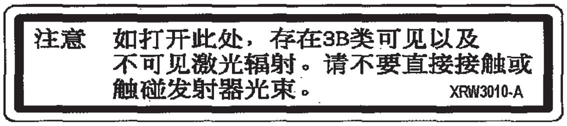
CAUTION CLASS 3B VISIBLE AND INVISIBLE LASER RADIATION WHEN OPEN, AVOID EXPOSURE TO THE BEAM.
ATTENTION RADIATIONS LASER VISIBLES ET INVISIBLES DE CLASSE 3B QUAND OUVERT. ÉVITEZ TOUT EXPOSITION AU FAISCEAU.
ADVARSEL KLASSE 3B SYNLIG OG USYNLIG LASERSTRÅLING VED ÅBNING. UNDGÅ UDSÆTTELSE FOR STRÅLING.
VARNING KLASS 3B SYNLIG OCH OSYNLIG LASERSTRÅLNING NÄR DENNA DEL ÄR ÖPPNAD. UNDVIK ATT UTSÄTTA DIG FÖR STRÅLEN.
VORSICHT BEI GEÖFFNETER ABDECKUNG IST SICHTBARE UND UNSICHTBARE LASERSTRAHLUNG DER KLASSE 3B IM GERÄTEINNEREN VORHANDEN. NICHT DEM LASERSTRAHLAUSSETZEN!
PRECAUCIÓN CUANDO SE ABRE HAY RADIACIÓN LÁSER DE CLASE 3B VISIBLE E INVISIBLE. EVITE LA EXPOSICIÓN A LOS RAYOS LÁSER.
VARO! AVATTAESSA OLET ALTTIINA NÄKYVÄLLE JA NÄKYMÄTTÖMÄLLE LUOKAN 3B LASERSÄTEILYLLE. ÄLÄ KATSO SÄTEESEEN.
VRW2257-A

WLXJ, GDRXJ, NTXJ, TDXJ/RA and TDXJ/RB types : VRW2257



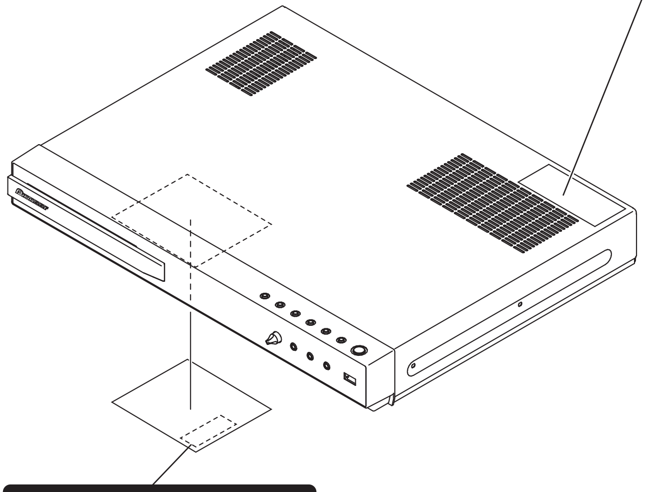
CAUTION : CLASS 3B VISIBLE AND INVISIBLE LASER RADIATION WHEN OPEN, AVOID EXPOSURE TO THE BEAM.
注意：打開時會有 CLASS 3B 可見和不可見鐳射輻射，請勿受鐳射束輻射。
VRW2159

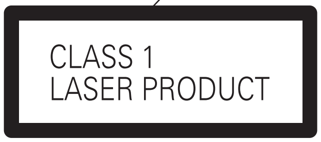
LFXJ type : VRW2159



注意　如打开此处，存在3B类可见以及不可见激光辐射。请不要直接接触或触碰发射器光束。
XRW3010-A

NAXJ5 type : XRW3010





CLASS 1
LASER PRODUCT

Name label

Additional Laser Caution

1.
- Laser diode is driving with Q307 (650 nm LD) and Q308 (780 nm LD) on the 08 DVDM Assy.
  Therefore, when short-circuit between the emitter and collector of these transistors or the base voltage is supplied for transistors turn on, the laser oscillates. (failure mode)
- In the test mode ∗ , there is the mode that the laser oscillates except for the disc judgment and playback. LD ON mode in the test mode oscillates with the laser forcibly.

2. When the cover is open, close viewing through the objective lens with the naked eye will cause exposure to the laser beam.

∗ : See page 24 on the service manual RRV3748.

1. CONTRAST OF MISCELLANEOUS PARTS

NOTES:
- *Parts marked by "NSP" are generally unavailable because they are not in our Master Spare Parts List.*
- *The ⚠ mark found on some component parts indicates the importance of the safety factor of the part. Therefore, when replacing, be sure to use parts of identical designation.*
- *Screws adjacent to ▼ mark on product are used for disassembly.*
- *For the applying amount of lubricants or glue, follow the instructions in this manual. (In the case of no amount instructions, apply as you think it appropriate.)*
- *Nos. indicate the pages and Nos. in the service manual for the base model.*
- *When ordering resistors, first convert resistance values into code form as shown in the following examples.*

Ex.1 When there are 2 effective digits (any digit apart from 0), such as 560 ohm and 47k ohm (tolerance is shown by J=5%, and K=10%).

560Ω → 56×10^1 → 561 .... RD1/4PU$\boxed{5}\boxed{6}\boxed{1}$J
47kΩ → 47×10^3 → 473 .... RD1/4PU$\boxed{4}\boxed{7}\boxed{3}$J
0.5Ω → R50 .... RN2H$\boxed{R}\boxed{5}\boxed{0}$K
1Ω → 1R0 .... RS1P$\boxed{1}\boxed{R}\boxed{0}$K

Ex.2 When there are 3 effective digits (such as in high precision metal film resistors).

5.62kΩ → 562×10^1 → 5621 .... RN1/4PC$\boxed{5}\boxed{6}\boxed{2}\boxed{1}$F

CONTRAST TABLE

XV-DV385K/WSXJ5, XV-DV171/WLXJ, XV-DV171/NAXJ5, XV-DV171/NTXJ, XV-DV171/TDXJ/RB and XV-DV171/YPWXJ are constructed the same except for the following:

Mark	No.	Symbol and Description	XV-DV385K/ WSXJ5	XV-DV171/ WLXJ	XV-DV171/ NAXJ5	XV-DV171/ NTXJ	XV-DV171/ TDXJ/RB	XV-DV171/ YPWXJ	Remarks
		PCB ASSEMBLIES							
	P47-3	1..SYSMAIN Assy	XWM3391	XWM3405	XWM3409	XWM3406	XWM3408	XWM3407	
NSP		1..NHTS JACK ASSY	AWM8034	Not used	Not used	Not used	Not used	Not used	
	P47-5	2..EUROSCART ASSY	AWU8291	Not used	Not used	Not used	Not used	Not used	
	P47-7	1..FM/AM TUNER Unit	AXX7248	AXX7251	AXX7251	AXX7251	AXX7251	AXX7251	*1
		PACKING SECTION							
⚠	P45-1	Power Cord	ADG1127	ADG1127	ADG7079	XDG3056	ADG1127	ADG7099	
	P45-6	Remote Control	XXD3156	XXD3158	XXD3158	XXD3158	XXD3158	XXD3158	
	P45-9	Label (WEEE)	ARW7322	Not used	Not used	Not used	Not used	Not used	
	P45-14	Operating Instructions (Russian)	XRC3333	Not used	Not used	Not used	Not used	Not used	
	P45-19	Setup Guide (Russian)	XRC3343	Not used	Not used	Not used	Not used	Not used	
NSP	P45-20	Warranty Card	ARY7111	Not used	ARY7046	XRY3004	Not used	ARY7047	
	P45-25	Packing Case	XHD3787	XHD3799	XHD3803	XHD3800	XHD3802	XHD3801	
		Operating Instructions (Arabic)	Not used	Not used	Not used	Not used	XRC3340	Not used	
		Operating Instructions (Simp-Chinese)	Not used	Not used	XRC3339	Not used	Not used	Not used	
		Operating Instructions (English)	Not used	Not used	Not used	Not used	XRB3096	XRB3095	
		Operating Instructions (English/Trad-Chinese)	Not used	XRE3176	Not used	Not used	Not used	Not used	
		Operating Instructions (Thai)	Not used	Not used	Not used	XRC3338	Not used	Not used	
		Setup Guide (Simp-Chinese)	Not used	Not used	XRC3352	Not used	Not used	Not used	
		Setup Guide (English/Arabic)	Not used	Not used	Not used	Not used	XRE3186	Not used	
		Setup Guide (English/Trad-Chinese)	Not used	XRE3188	Not used	Not used	Not used	Not used	
		Setup Guide (Thai)	Not used	Not used	Not used	XRC3351	Not used	Not used	
		Setup Guide (English)	Not used	Not used	Not used	Not used	Not used	XRB3098	
NSP		Service Map (Thai)	Not used	Not used	Not used	XRY3005	Not used	Not used	
NSP		Vinyl Bag (Warranty Card)	Not used	Not used	Not used	AHG7099	Not used	Not used	
		EXTERIOR SECTION							
	P47-12	23P FFC/60V (J1909)	XDD3267	Not used	Not used	Not used	Not used	Not used	
	P47-20	Rear Panel WHTS	XNC3564	XNC3585	XNC3589	XNC3586	XNC3588	XNC3587	

Mark	No.	Symbol and Description	XV-DV385K/ WSXJ5	XV-DV171/ WLXJ	XV-DV171/ NAXJ5	XV-DV171/ NTXJ	XV-DV171/ TDXJ/RB	XV-DV171/ YPWXJ	Remarks
	P47-26	F/P Assy WHTS	XXG3368	XXG3375	XXG3375	XXG3375	XXG3375	XXG3375	
NSP	P47-30	Front Panel WHTS	XMB3326	XMB3333	XMB3333	XMB3333	XMB3333	XMB3333	
	P47-34	Laser Caution	VRW2257	VRW2257	XRW3010	VRW2257	VRW2257	VRW2257	
NSP	P47-36	Name Label WHTS	XAL3294	XAL3300	XAL3302	XAL3300	XAL3300	XAL3300	
NSP	P47-38	POP Getter WHTS	XAX3676	XAX3681	XAX3682	XAX3681	XAX3681	XAX3681	
NSP		CCC S&E Label	Not used	Not used	DRW2310	Not used	Not used	Not used	
NSP		Energy Star Label	Not used	Not used	Not used	Not used	Not used	AAX8022	
NSP		SISIR Label WHTS	Not used	XAX3694	Not used	Not used	Not used	Not used	

Notes : For PCB ASSEMBLIES, Refer to “CONTRAST OF PCB ASSEMBLIES” and “2. SCHEMATIC DIAGRAM”.
*1 : FM/AM TUNER Unit has no service parts.

CONTRAST OF PCB ASSEMBLIES

B F SYSMAIN ASSY

XWM3391, XWM3405, XWM3406, XWM3407, XWM3408 and XWM3409 are constructed the same except for the following:

Mark	Symbol and Description	XWM3391	XWM3405	XWM3406	XWM3407	XWM3408	XWM3409	Remarks
	IC3601	NJM4565MD	Not used	Not used	Not used	Not used	Not used	
	IC5701	LC72725KM	Not used	Not used	Not used	Not used	Not used	
	Q491, Q5931	RT1N241M	Not used	Not used	Not used	Not used	Not used	
	Q3601, Q3603	IMX9	Not used	Not used	Not used	Not used	Not used	
	Q3602, Q3604, Q5936	RT1P241M	Not used	Not used	Not used	Not used	Not used	
	Q5932	RT3N22M	Not used	Not used	Not used	Not used	Not used	
	Q5934, Q5935	2SA1602A	Not used	Not used	Not used	Not used	Not used	
	D3603	UDZS12(B)	Not used	Not used	Not used	Not used	Not used	
	D5931, D5933, D5936	1SS352	Not used	Not used	Not used	Not used	Not used	
	L421, L422	Not used	CTF1389	CTF1389	CTF1389	CTF1389	CTF1389	
	L5931-L5934 CHIP SOLID INDUCTOR	QTL1013	Not used	Not used	Not used	Not used	Not used	
	X5701 CRYSTAL RESONATOR (4.332 MHz)	ASS7004	Not used	Not used	Not used	Not used	Not used	
	CN3111 PIN JACK(4P)	AKB7114	Not used	Not used	Not used	Not used	Not used	
	CN3112 PIN JACK(2P)	Not used	XKB3062	XKB3062	XKB3062	XKB3062	XKB3062	CN3111
	CN451 CONNECTOR	9604S-23C	Not used	Not used	Not used	Not used	Not used	
	JA402 JACK	Not used	XKB3061	XKB3061	XKB3061	XKB3061	XKB3061	
	JA5931 MINI JACK (4P)	XKN3015	Not used	Not used	Not used	Not used	Not used	
	R424-R426	Not used	RS1/10S75R0F	RS1/10S75R0F	RS1/10S75R0F	RS1/10S75R0F	RS1/10S75R0F	
	R491, R3609-R3612,	RS1/16S103J	Not used	Not used	Not used	Not used	Not used	
	R5935	RS1/16S103J	Not used	Not used	Not used	Not used	Not used	
	R3601	RAB4C472J	Not used	Not used	Not used	Not used	Not used	
	R3605-R3608, R3617,	RS1/16S472J	Not used	Not used	Not used	Not used	Not used	
	R3618, R3631, R3632	RS1/16S472J	Not used	Not used	Not used	Not used	Not used	
	R3613, R3614, R5937	RS1/16S473J	Not used	Not used	Not used	Not used	Not used	
	R3615, R3616, R5934	RS1/16S102J	Not used	Not used	Not used	Not used	Not used	
	R3619, R3620, R5506,	RS1/16S221J	Not used	Not used	Not used	Not used	Not used	
	R5564, R5565	RS1/16S221J	Not used	Not used	Not used	Not used	Not used	
	R3621	RS1/16S8R2J	Not used	Not used	Not used	Not used	Not used	
	R3623	RS1/16S222J	Not used	Not used	Not used	Not used	Not used	
	R3629, R3630	RS1/16S821J	Not used	Not used	Not used	Not used	Not used	
	R4015, R4016	RS1/16S223J	Not used	Not used	Not used	Not used	Not used	
	R4019, R4020	RS1/16S272J	RS1/16S473J	RS1/16S473J	RS1/16S473J	RS1/16S473J	RS1/16S473J	
	R5513	RS1/16S153J	RS1/16S473J	RS1/16S393J	RS1/16S223J	RS1/16S104J	RS1/16S103J	
	R5515	RS1/16S823J	Not used	RS1/16S223J	RS1/16S473J	RS1/16S103J	RS1/16S333J	
	R5712, R5713	RS1/16S272J	RS1/16S0R0J	RS1/16S0R0J	RS1/16S0R0J	RS1/16S0R0J	RS1/16S0R0J	

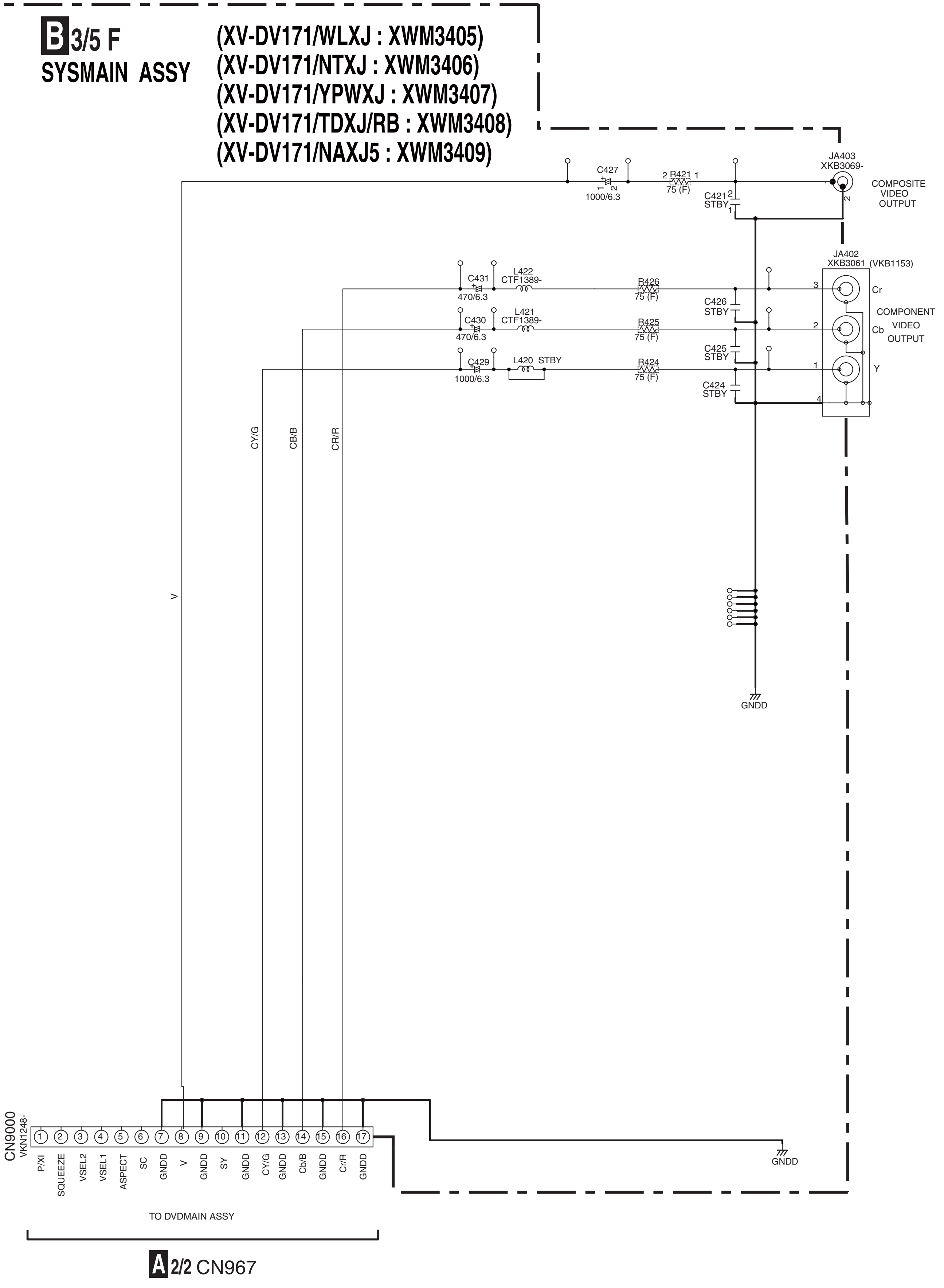
Mark	Symbol and Description	XWM3391	XWM3405	XWM3406	XWM3407	XWM3408	XWM3409	Remarks
	R5931, R5936	RS1/16S182J	Not used	Not used	Not used	Not used	Not used	
	R5933, R5942	RS1/16S104J	Not used	Not used	Not used	Not used	Not used	
	R5938	RS1/16S272J	Not used	Not used	Not used	Not used	Not used	
	R5939	RS1/16S332J	Not used	Not used	Not used	Not used	Not used	
	R5940	RS1/16S101J	Not used	Not used	Not used	Not used	Not used	
	R5943	Not used	RS1/16S0R0J	RS1/16S0R0J	RS1/16S0R0J	RS1/16S0R0J	RS1/16S0R0J	
	C429	Not used	CEAT102M6R3	CEAT102M6R3	CEAT102M6R3	CEAT102M6R3	CEAT102M6R3	
	C430, C431	Not used	CEAT471M6R3	CEAT471M6R3	CEAT471M6R3	CEAT471M6R3	CEAT471M6R3	
	C3601-C3604,	CCSRCH821J50	Not used	Not used	Not used	Not used	Not used	
	C3611, C3612	CCSRCH821J50	Not used	Not used	Not used	Not used	Not used	
	C3605-C3608	CCSRCH331J50	Not used	Not used	Not used	Not used	Not used	
	C3609, C3610, C3622	CEVW100M16	Not used	Not used	Not used	Not used	Not used	
	C3621	CEVW100M25	Not used	Not used	Not used	Not used	Not used	
	C3623	CKSRYB104K25	Not used	Not used	Not used	Not used	Not used	
	C3624	CKSRYB104K16	Not used	Not used	Not used	Not used	Not used	
	C4015, C4016, C5719	CEAT100M50	Not used	Not used	Not used	Not used	Not used	
	C5712, C5714	CCSRCH270J50	Not used	Not used	Not used	Not used	Not used	
	C5713	CKSRYB472K50	Not used	Not used	Not used	Not used	Not used	
	C5715	CKSRYB103K50	Not used	Not used	Not used	Not used	Not used	
	C5716	CCSRCH561J50	Not used	Not used	Not used	Not used	Not used	
	C5720	CEAT470M35	Not used	Not used	Not used	Not used	Not used	
	C5931, C5932, C5936	CCSRCH221J50	Not used	Not used	Not used	Not used	Not used	

2. SCHEMATIC DIAGRAM

2.1 SYSMAIN ASSY (3/5)

B 3/5 F
SYSMAIN ASSY

(XV-DV171/WLXJ : XWM3405)
(XV-DV171/NTXJ : XWM3406)
(XV-DV171/YPWXJ : XWM3407)
(XV-DV171/TDXJ/RB : XWM3408)
(XV-DV171/NAXJ5 : XWM3409)


C427
1000/6.3
2 R421 1
75 (F)
C421
STBY
JA403
XKB3069-
COMPOSITE
VIDEO
OUTPUT
JA402
XKB3061 (VKB1153)
Cr
Cb
Y
COMPONENT
VIDEO
OUTPUT
C431
470/6.3
L422
CTF1389-
R426
75 (F)
C426
STBY
C430
470/6.3
L421
CTF1389-
R425
75 (F)
C425
STBY
C429
1000/6.3
L420 STBY
R424
75 (F)
C424
STBY
CY/G
CB/B
CR/R
V
GNDD
CN9000
VKN1248-
P/XI
SQUEEZE
VSEL2
VSEL1
ASPECT
SC
GNDD
V
GNDD
SY
GNDD
CY/G
GNDD
Cb/B
GNDD
Cr/R
GNDD
GNDD
TO DVDMAIN ASSY

A 2/2 CN967

B 3/5 F **B 3/5 F**

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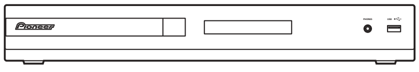
Service Manual


XV-DV575

ORDER NO.
RRV3748

DVD/CD RECEIVER

XV-DV575
XV-DV580
XV-DV385K
XV-DV395K

THIS MANUAL IS APPLICABLE TO THE FOLLOWING MODEL(S) AND TYPE(S).

Model	Type	Power Requirement	Regional restriction codes (Region No.)	Remarks
XV-DV575	WYXJ5	AC 220 V to 240 V	2	
XV-DV580	WYXJ5	AC 220 V to 240 V	2	
XV-DV580	WVXJ5	AC 220 V to 240 V	2	
XV-DV385K	WSXJ5	AC 220 V to 240 V	5	
XV-DV395K	WSXJ5	AC 220 V to 240 V	5	

For details, refer to "Important Check Points for good servicing".

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PIONEER EUROPE NV Haven 1087, Keetberglaan 1, 9120 Melsele, Belgium
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WARNING !

THE AEL (ACCESSIBLE EMISSION LEVEL) OF THE LASER POWER OUTPUT IS LESS THAN CLASS 1 BUT THE LASER COMPONENT IS CAPABLE OF EMITTING RADIATION EXCEEDING THE LIMIT FOR CLASS 1.
A SPECIALLY INSTRUCTED PERSON SHOULD DO SERVICING OPERATION OF THE APPARATUS.

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FOR CD : MAXIMUM OUTPUT POWER : 5 mW
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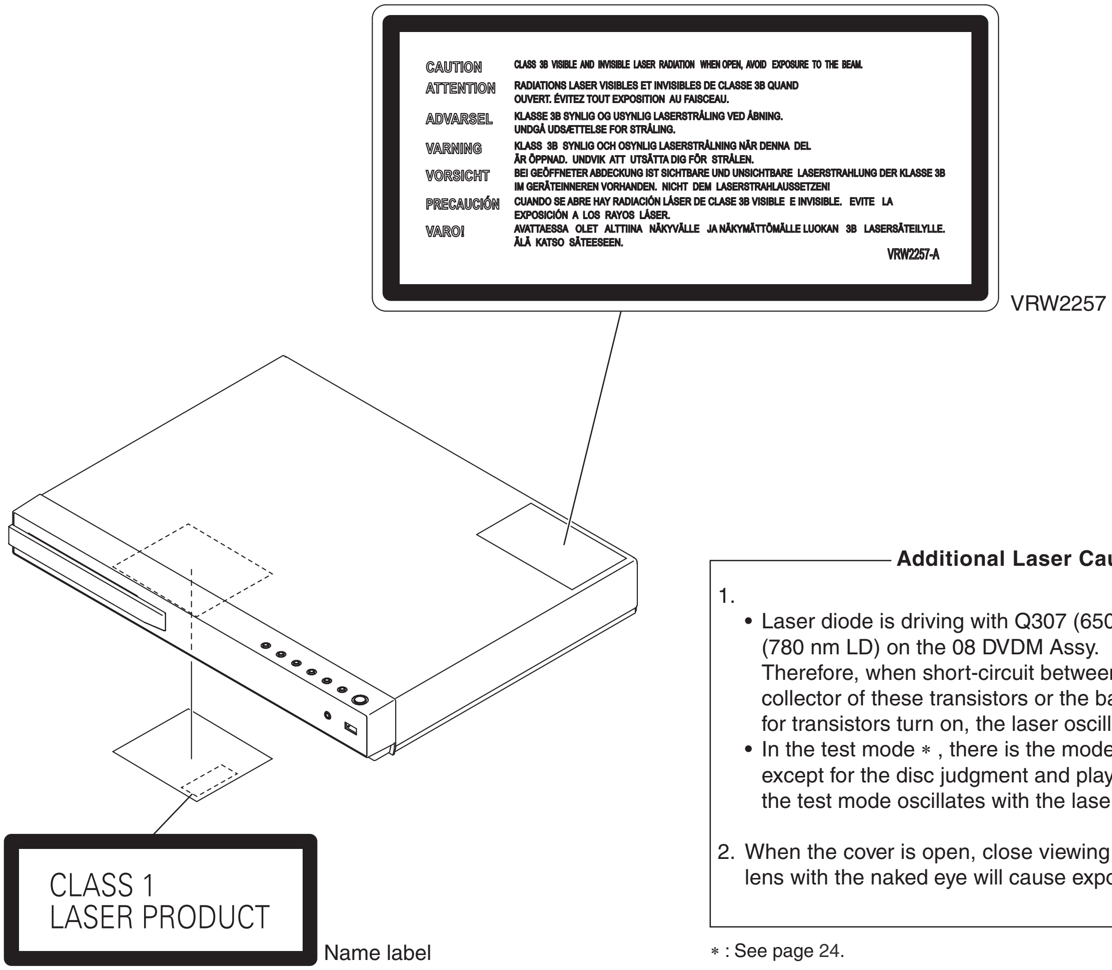

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ADVARSEL KLASSE 3B SYNLIG OG USYNLIG LASERSTRÅLING VED ÅBNING. UNDGÅ UDSÆTTELSE FOR STRÅLING.
VARNING KLASS 3B SYNLIG OCH OSYNLIG LASERSTRÅLNING NÄR DENNA DEL ÄR ÖPPNAD. UNDVIK ATT UTSÄTTA DIG FÖR STRÅLEN.
VORSICHT BEI GEÖFFNETER ABDECKUNG IST SICHTBARE UND UNSICHTBARE LASERSTRAHLUNG DER KLASSE 3B IM GERÄTEINNEREN VORHANDEN. NICHT DEM LASERSTRAHLAUSSETZEN!
PRECAUCIÓN CUANDO SE ABRE HAY RADIACIÓN LÁSER DE CLASE 3B VISIBLE E INVISIBLE. EVITE LA EXPOSICIÓN A LOS RAYOS LÁSER.
VARO! AVATTAESSA OLET ALTTIINA NÄKYVÄLLE JA NÄKYMÄTTÖMÄLLE LUOKAN 3B LASERSÄTEILYLLE. ÄLÄ KATSO SÄTEESEEN.
VRW2257-A

CLASS 1
LASER PRODUCT

Additional Laser Caution

1.
- Laser diode is driving with Q307 (650 nm LD) and Q308 (780 nm LD) on the 08 DVDM Assy.
  Therefore, when short-circuit between the emitter and collector of these transistors or the base voltage is supplied for transistors turn on, the laser oscillates. (failure mode)
- In the test mode ∗ , there is the mode that the laser oscillates except for the disc judgment and playback. LD ON mode in the test mode oscillates with the laser forcibly.

2. When the cover is open, close viewing through the objective lens with the naked eye will cause exposure to the laser beam.

∗ : See page 24.

[Important Check Points for Good Servicing]

In this manual, procedures that must be performed during repairs are marked with the below symbol.
Please be sure to confirm and follow these procedures.

1. Product safety

Please conform to product regulations (such as safety and radiation regulations), and maintain a safe servicing environment by following the safety instructions described in this manual.

① Use specified parts for repair.

Use genuine parts. Be sure to use important parts for safety.

② Do not perform modifications without proper instructions.

Please follow the specified safety methods when modification(addition/change of parts) is required due to interferences such as radio/TV interference and foreign noise.

③ Make sure the soldering of repaired locations is properly performed.

When you solder while repairing, please be sure that there are no cold solder and other debris.
Soldering should be finished with the proper quantity. (Refer to the example)

④ Make sure the screws are tightly fastened.

Please be sure that all screws are fastened, and that there are no loose screws.

⑤ Make sure each connectors are correctly inserted.

Please be sure that all connectors are inserted, and that there are no imperfect insertion.

⑥ Make sure the wiring cables are set to their original state.

Please replace the wiring and cables to the original state after repairs.
In addition, be sure that there are no pinched wires, etc.

⑦ Make sure screws and soldering scraps do not remain inside the product.

Please check that neither solder debris nor screws remain inside the product.

⑧ There should be no semi-broken wires, scratches, melting, etc. on the coating of the power cord.

Damaged power cords may lead to fire accidents, so please be sure that there are no damages.
If you find a damaged power cord, please exchange it with a suitable one.

⑨ There should be no spark traces or similar marks on the power plug.

When spark traces or similar marks are found on the power supply plug, please check the connection and advise on secure connections and suitable usage. Please exchange the power cord if necessary.

⑩ Safe environment should be secured during servicing.

When you perform repairs, please pay attention to static electricity, furniture, household articles, etc. in order to prevent injuries.
Please pay attention to your surroundings and repair safely.

2. Adjustments

To keep the original performance of the products, optimum adjustments and confirmation of characteristics within specification.
Adjustments should be performed in accordance with the procedures/instructions described in this manual.

3. Lubricants, Glues, and Replacement parts

Use grease and adhesives that are equal to the specified substance.
Make sure the proper amount is applied.

4. Cleaning

For parts that require cleaning, such as optical pickups, tape deck heads, lenses and mirrors used in projection monitors, proper cleaning should be performed to restore their performances.

5. Shipping mode and Shipping screws

To protect products from damages or failures during transit, the shipping mode should be set or the shipping screws should be installed before shipment. Please be sure to follow this method especially if it is specified in this manual.

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1. SERVICE PRECAUTIONS

1.1 NOTES ON SOLDERING

- For environmental protection, lead-free solder is used on the printed circuit boards mounted in this unit.
  Be sure to use lead-free solder and a soldering iron that can meet specifications for use with lead-free solders for repairs accompanied by reworking of soldering.

- Compared with conventional eutectic solders, lead-free solders have higher melting points, by approximately 40 °C.
  Therefore, for lead-free soldering, the tip temperature of a soldering iron must be set to around 373 °C in general, although the temperature depends on the heat capacity of the PC board on which reworking is required and the weight of the tip of the soldering iron.

Do NOT use a soldering iron whose tip temperature cannot be controlled.

Compared with eutectic solders, lead-free solders have higher bond strengths but slower wetting times and higher melting temperatures (hard to melt/easy to harden).

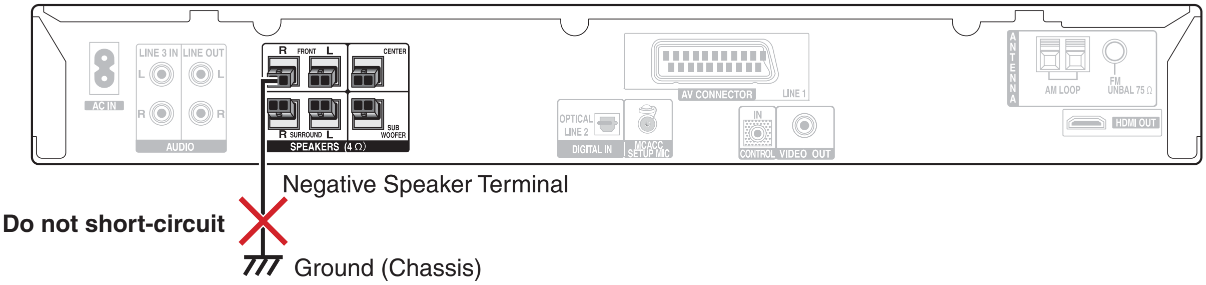
The following lead-free solders are available as service parts:

- Parts numbers of lead-free solder:
  GYP1006 1.0 in dia.
  GYP1007 0.6 in dia.
  GYP1008 0.3 in dia.

1.2 CAUTION

NOTES ON BTL DRIVE

As a signal to drive the BTL is output from the negative speaker terminal, DO NOT short-circuit between the negative speaker terminal and ground, such as the chassis.
Do not short-circuit between the plus speaker terminal and ground, such as the chassis, too.


AC IN
LINE 3 IN
LINE OUT
L
R
AUDIO
R
FRONT
L
CENTER
R
SURROUND
L
SUB WOOFER
SPEAKERS (4 Ω)
OPTICAL LINE 2
DIGITAL IN
MCACC SETUP MIC
AV CONNECTOR
LINE 1
IN
CONTROL
VIDEO OUT
ANTENNA
AM LOOP
FM UNBAL 75 Ω
HDMI OUT
Negative Speaker Terminal
Do not short-circuit
Ground (Chassis)

1.3 WHEN REPLACING DVD MECHA ASSY

[Removing the DVD MECHA Assy]

Before removing Pickup PCB and DVD PCB connector, short circuit the position shown in **Fig. 1** usinga soldering iron.
If you remove the DVD MECHA Assy with no soldering, the Laser may be damaged.

[Installing the DVD MECHA Assy]

Remove all the soldering on the short circuit position after the connection of Pickup PCB and DVD PCB connector.

NOTE

- Be sure to use lead-free solder and a soldering iron.
- When Soldering/Removing of solder, use the draw in equipment over the Pickup Unit to prevent the Flux smoke from it.

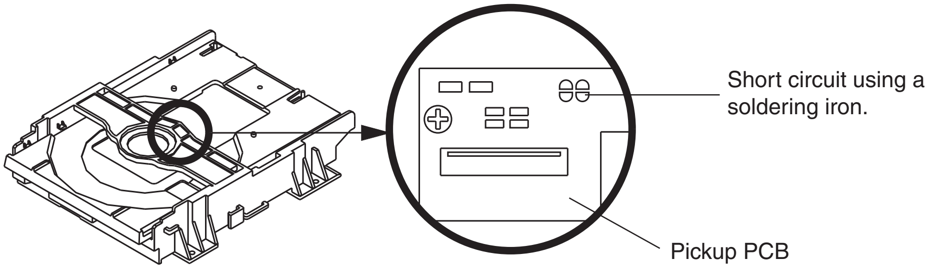


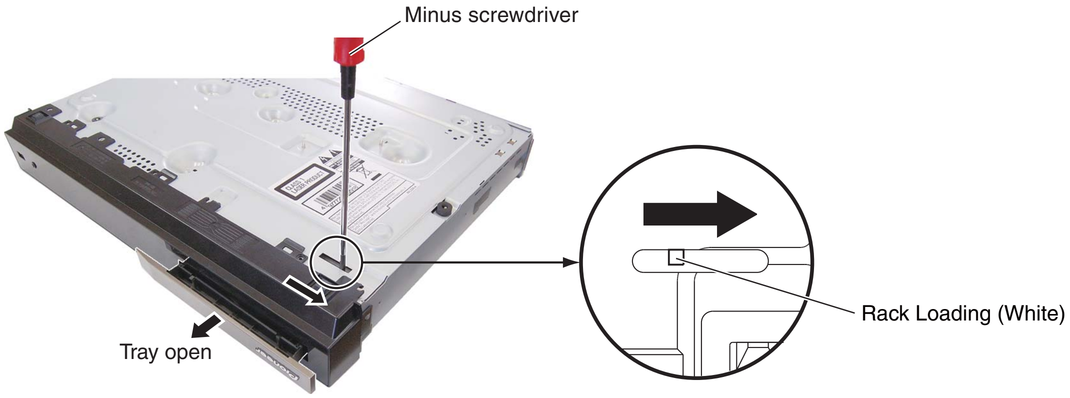
Fig. 1

1.4 DISC REMOVAL METHOD AT NO POWER SUPPLY

1. Slide the Rack Loading (White) toward the arrow direction by using a minus driver to release the lock. **(Refer to Fig. 1)**
2. Manually open the Tray.

NOTE:

Please strongly pushing Rack Loading (White) to release the lock because the tray doesn't go out easily.



● **Bottom view**

Fig. 1

2. SPECIFICATIONS

2.1 SPECIFICATIONS, DISC/CONTENT FORMAT AND ACCESORRIES

• Amplifier section
RMS Power Output:
Front, Center, Surround . . . . 60 W per channel
(1 kHz, 10 % T.H.D., 4 Ω)
Subwoofer . . . . .60 W (100 Hz, 10 % T.H.D., 4 Ω)

• Disc section
Type . . . . DVD system, Video CD/Super VCD system and Compact Disc digital audio system
Wow and Flutter . . . . .Limit of measurement
(±0.001 % W.PEAK) or less (JEITA)

• FM tuner section
Frequency range. . . . . 87.5 MHz to 108 MHz
Antenna. . . . . 75 Ω, unbalanced

• AM tuner section
Frequency range. . . . . 531 kHz to 1602 kHz
Antenna. . . . . .Loop antenna

• Miscellaneous
Power
requirements. . . AC 220 V to 240 V, 50 Hz/60 Hz
Power consumption. . . . . 50 W
Power consumption in standby. . . . . .0.42 W
Dimensions (XV-DV575, XV-DV580)
. . . . 420 mm (W) x 60 mm (H) x 335 mm (D)
Dimensions (XV-DV385K, XV-DV395K)
. . . . 420 mm (W) x 60 mm (H) x 339 mm (D)
Weight (XV-DV575, XV-DV580). . . . . 2.8 kg
Weight (XV-DV385K, XV-DV395K) . . . . . . 2.7 kg

• Accessories (DVD/CD receiver)
Remote control. 1
AA/R6 dry cell batteries 2
(to confirm system operation)
Video cable (yellow plugs) 1
AM loop antenna 1
FM antenna 1
Microphone (for Auto MCACC setup). 1
Power cord. 1
Setup Guide
Operating instructions

Disc/content format playback compatibility

This player is compatible with a wide range of disc types (media) and formats. Playable discs will generally feature one of the following logos on the disc and/or disc packaging. Note however that some disc types, such as recordable CD and DVD, may be in an unplayable format.

See the Disc compatibility table below for more information.

DVD-Video DVD-R DVD-RW

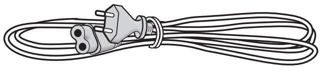
Audio CD Video CD CD-R CD-RW

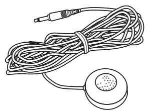
Fujicolor CD

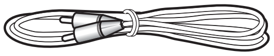
- This unit will play DVD+R/+RW discs.
- is a trademark of FUJIFILM Corporation.
- is a trademark of DVD Format/Logo Licensing Corporation.
- Also compatible with KODAK Picture CD.

This player supports the IEC's Super VCD standard for superior picture quality, dual soundtracks, and widescreen support.

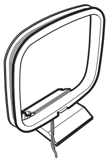
Super Video CD (Super VCD)

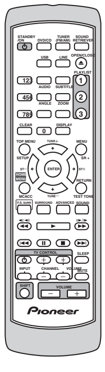

Power cord
(WYXJ5, WSXJ5 : ADG1127)
(WVXJ5 : ADG7108)


Microphone
(for Auto MCACC setup)
(XV-DV575, XV-DV580
: APM7008)


Video cable (yellow plugs)
(L = 1.5 m) (XDE3046)

FM antenna
(ADH7030)


AM loop antenna
(ATB7013)



Remote control
(XV-DV575, XV-DV580 : XXD3159)
(XV-DV385K, XV-DV395K : XXD3156)

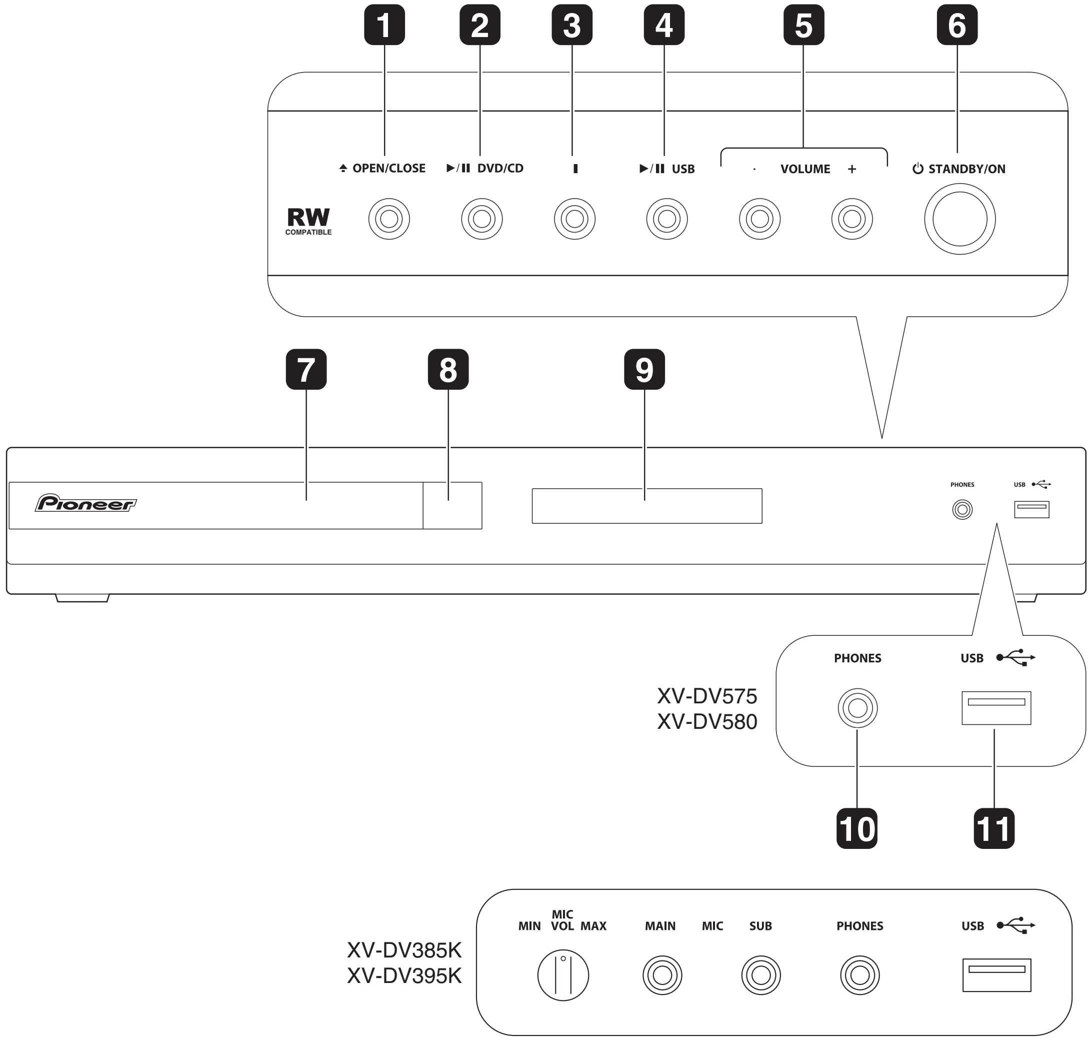
AA/R6 dry cell batteries
(to confirm system operation)

Manufactured under license from Dolby Laboratories."Dolby","Pro Logic" and the double-D symbol are trademarks of Dolby Laboratories.

Manufactured under license under U.S. Patent #'s: 5,451,942; 5,956,674; 5,974,380; 5,978,762; 6,487,535 & other U.S. and worldwide patents issued & pending. DTS and DTS Digital Surround are registered trademarks and the DTS logos and Symbol are trademarks of DTS, Inc. c 1996-2007 DTS, Inc. All Rights Reserved.

2.2 PANEL FACILITIES

Front panel


1
2
3
4
5
6
⏏ OPEN/CLOSE
▶/❚❚ DVD/CD
■
▶/❚❚ USB
- VOLUME +
⏻ STANDBY/ON
RW COMPATIBLE
7
8
9
Pioneer
PHONES
USB
XV-DV575
XV-DV580
PHONES
USB
10
11
XV-DV385K
XV-DV395K
MIC
MIN VOL MAX
MAIN
MIC
SUB
PHONES
USB

1 ⏏ OPEN/CLOSE
Opens/closes the disc tray.

2 ▶/❚❚ DVD/CD
Selects the **DVD/CD** function and starts/pauses/resumes playback.

3 ■
Stops playback.

4 ▶/❚❚ USB
Selects the **USB** function and starts/pauses playback.

5 VOLUME +/– buttons

6 ⏻ STANDBY/ON
Switches the system on or into standby.

7 Disc tray

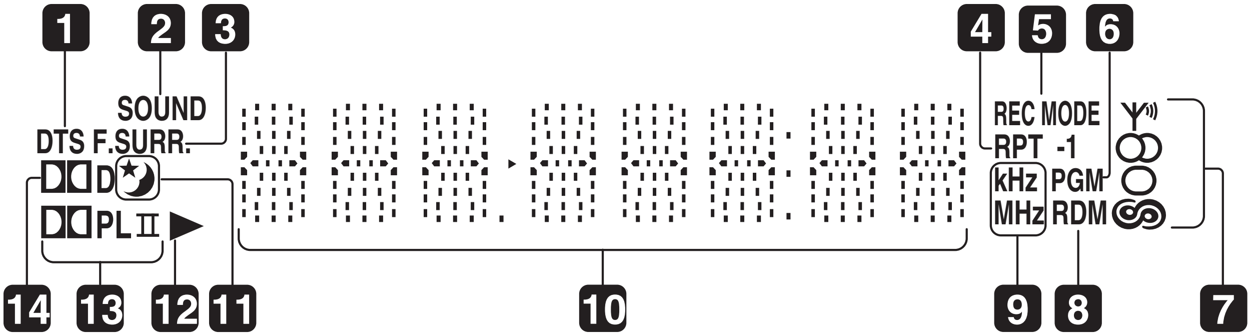
8 Remote Sensor

9 Display
See Display below.

10 PHONES jack
Connect headphones.

11 USB interface
Connect a USB device for playback (see USB playback).

Display



1 DTS
Lights during playback of a DTS source.

2 SOUND
Lights when the Sound Retriever is active.

3 SURR.
Lights when one of the Advanced surround listening modes is selected.

F.SURR.
Lights when one of the Front Stage Surround Advance mode is selected.

4 RPT and RPT-1
RPTlights during repeat play. **RPT-1**lights during repeat one-track play.

5 REC MODE
Lights when Recording mode is on.

6 PGM
Lights during program play.

7 Tuner indicators

Ψ – Lights when a broadcast is being received.

○○ – Lights when a stereo FM broadcast is being received in auto stereo mode.

○ – Lights when FM mono reception is selected.

∞ – Lights when in one of the RDS display or search modes.

8 RDM
Lights during random play.

9 kHz/MHz
Indicates the frequency unit shown in the character display (**kHz** for AM, **MHz** for FM).

10 Character display

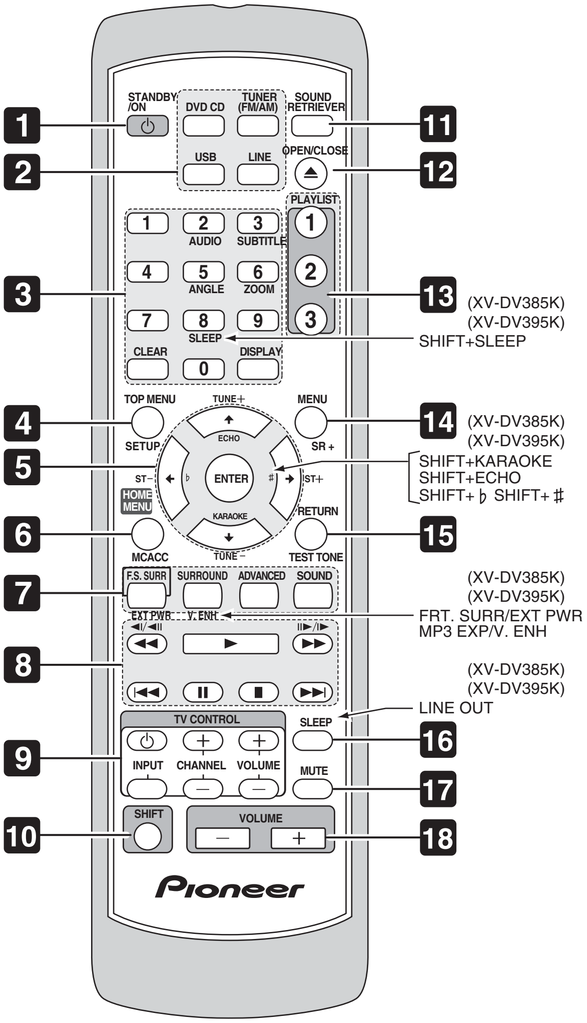
11 ☾
Lights when sleep timer is active.

12 ▶
Lights during playback.

13 DD PL II
Lights during Dolby Pro Logic II decoding.

14 DD D
Lights during playback of a Dolby Digital source.

Remote control


1
STANDBY /ON
DVD CD
TUNER (FM/AM)
SOUND RETRIEVER
11
2
USB
LINE
OPEN/CLOSE
12
PLAYLIST
1
2
3
AUDIO
SUBTITLE
3
4
5
6
ANGLE
ZOOM
13
(XV-DV385K)
(XV-DV395K)
7
8
9
SLEEP
SHIFT+SLEEP
CLEAR
0
DISPLAY
TOP MENU
TUNE+
MENU
4
14
(XV-DV385K)
(XV-DV395K)
SETUP
ECHO
SR +
5
ST–
ENTER
ST+
SHIFT+KARAOKE
SHIFT+ECHO
SHIFT+ ♭ SHIFT+ ♯
HOME MENU
KARAOKE
RETURN
6
15
MCACC
TUNE–
TEST TONE
F.S. SURR
SURROUND
ADVANCED
SOUND
(XV-DV385K)
(XV-DV395K)
7
EXT PWR
V. ENH
FRT. SURR/EXT PWR
MP3 EXP/V. ENH
8
(XV-DV385K)
(XV-DV395K)
LINE OUT
TV CONTROL
SLEEP
16
9
INPUT
CHANNEL
VOLUME
MUTE
17
SHIFT
VOLUME
10
18
Pioneer

1 ⏻ STANDBY/ON
Switches the system on or into standby.

2 Function select buttons
Selects the source you want to listen to (**DVD/CD**,**TUNER**,**USB**,**LINE**).

3 Number buttons, CLEAR, DISPLAY and DVD controls

CLEAR
Clears an entry.

DISPLAY
Displays/changes disc information shown on-screen or to display RDS information.

SHIFT+AUDIO
Selects audio channel/language.

SHIFT+SUBTITLE
Displays/changes the subtitles.

SHIFT+ANGLE
Changes camera angle during DVD multi-angle scene playback.

SHIFT+ZOOM
Changes the screen zoom level.

4 TOP MENU–Displays the top menu of a DVD disc in the play position — this may be the same as pressing **MENU**.

SHIFT+SETUP – Use to make various system and surround sound settings.

5 Cursor, ENTER and tuning buttons
⬆/⬇/⬅/➡ – Use the cursor buttons to navigate on-screen displays and menus.

ENTER– Selects an option or executes a command.

TUNE +/– – Tunes the radio.

ST +/– – Selects station presets when listening to the radio.

6 HOME MENU – Displays (or exits) the on-screen menu for Initial Settings, Play Mode functions, etc.

SHIFT+MCACC – Starts the Auto MCACC setup. (XV-DV575, XV-DV580)

7 Sound controls
F.S.SURR – Selects Front Stage Surround Advance mode.

SURROUND – Selects a Surround mode or switches to stereo playback.

ADVANCED – Selects a Pioneer original surround mode.

SOUND – Accesses the sound menu to adjust the tone, bass and treble, etc. .

8 Playback controls
See Basic playback controls, Disc playback features and USB playback for an explanation of these controls.

9 TV CONTROL buttons
These control Pioneer flat screen TVs.

10 SHIFT
Press to access the controls highlighted in green.

11 SOUND RETRIEVER –Press to restore CD quality sound to compressed audio sources.

12 ⏏ OPEN/CLOSE
Opens/closes the disc tray.

13 PLAYLIST buttons
Add tracks (during playback), or select a playlist (while stopped).

14 MENU – Press to display a USB menu, or the Navigator.

SHIFT+SR+– Sets the interlocking with the connected flat screen TV.

15 RETURN – Returns to a previous menu screen.

SHIFT+TEST TONE– Outputs the test tone (for speaker setup).

16 SLEEP
Press to set the sleep timer.

17 MUTE
Mutes the sound (press again to cancel).

18 VOLUME +/–
Adjusts the volume.

3. BASIC ITEMS FOR SERVICE

3.1 CHECK POINTS AFTER SERVICING

Check points after servicing (HTZ and system audio)

To keep the product quality after servicing, confirm recommended check points shown below.

No.	Procedures	Check points
1	Confirm the firmware version on Service Mode.	The version of the firmware must be latest. Update firmware to the latest one, if it is not the latest.
2	Confirm whether the customer complain has been solved. If the customer complain occurs with the specific disc, use it for the operation check.	The customer complain must not be reappeared. Video, audio and operations must be normal.
3	Confirm playback error rates at the innermost and outermost tracks by using the following disc. DVD test disc (GGV1025)	The error rates must be less than 5.0e-4.
4	Play back a CD. (track search)	Audio and operations must be normal.
5	Play back a DVD. (Menu operation, Title/chapter search)	Video, audio and operations must be normal.
6	Check the tuner (AM and FM) operations.	Audio and operations must be normal.
7	Check the sound from headphone output.	Sound must be normal, without noise.
8	Check the appearance of the product.	No scratches or dirt on its appearance after receiving it for service.

See the table below for the items to be checked regarding video and audio:

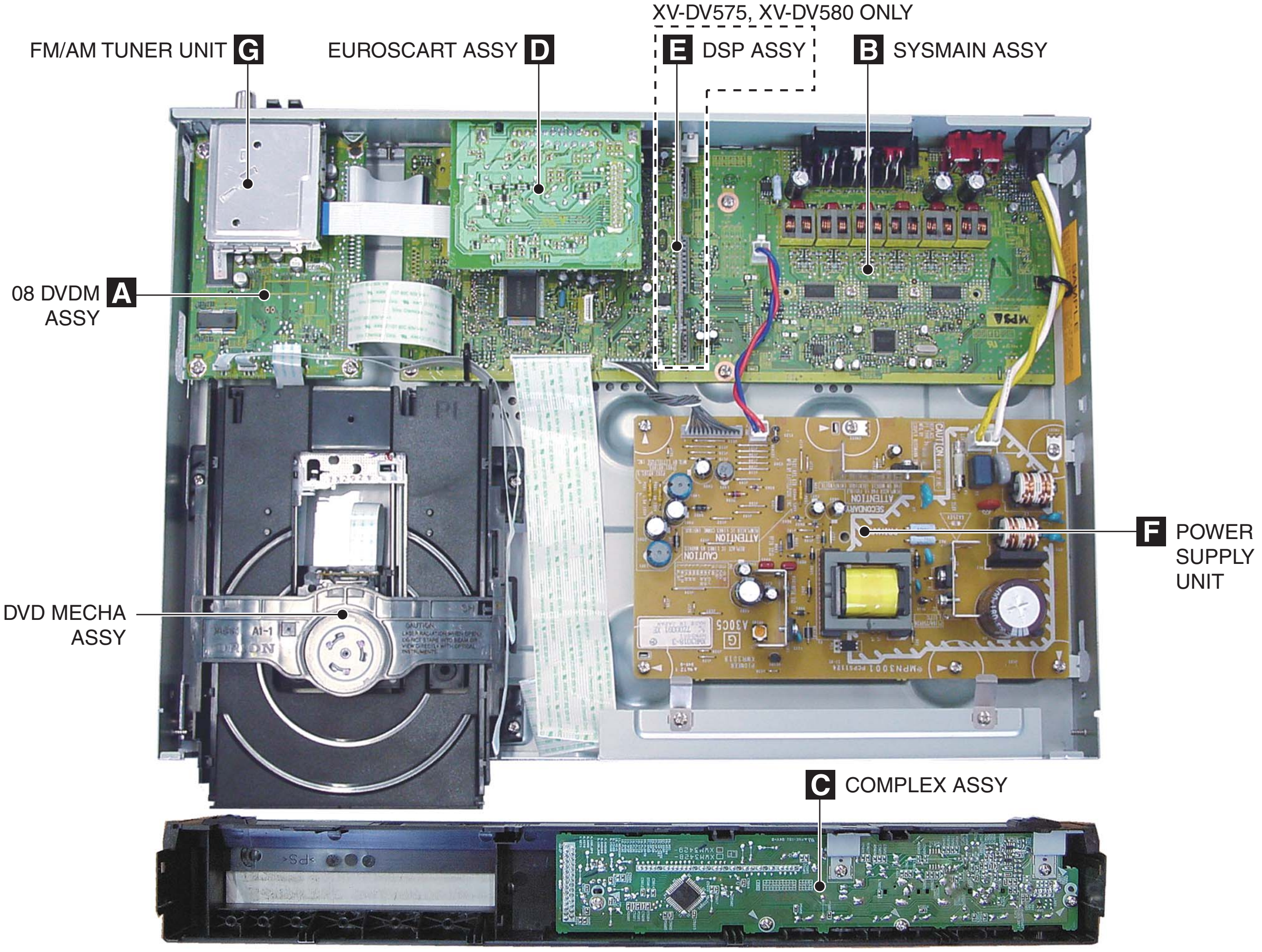
Item to be checked regarding video	Item to be checked regarding audio
Block noise	Distortion
Horizontal noise	Noise
Dot noise	Volume too low
Disturbed image (video jumpiness)	Volume too high
Too dark	Volume fluctuating
Too bright	Sound interrupted
Mottled color	

Cleaning

Before shipping out the product, be sure to clean the following positions by using the prescribed cleaning tools:

Position to be cleaned	Cleaning tools
Pickup lens	Cleaning liquid : GEM1004 Cleaning paper : GED-008

3.2 PCB LOCATIONS


XV-DV575, XV-DV580 ONLY
FM/AM TUNER UNIT G
EUROSCART ASSY D
E DSP ASSY
B SYSMAIN ASSY
08 DVDM A ASSY
F POWER SUPPLY UNIT
DVD MECHA ASSY
C COMPLEX ASSY

NOTES: ● *Parts marked by "NSP" are generally unavailable because they are not in our Master Spare Parts List.*
● *The ⚠ mark found on some component parts indicates the importance of the safety factor of the part. Therefore, when replacing, be sure to use parts of identical designation.*

LIST OF ASSEMBLIES

Mark	No. Description	Part No.
	1..08 DVDM ASSY (XV-DV575, XV-DV580)	AWM8118
	1..08 DVDM ASSY (XV-DV385K, XV-DV395K)	AWM8105
	1..DSP ASSY (XV-DV575, XV-DV580 ONLY)	AWX8706
	1..SYSMAIN ASSY (XV-DV575)	XWM3392
	1..SYSMAIN ASSY (XV-DV580)	XWM3395
	1..SYSMAIN ASSY (XV-DV385K)	XWM3391
	1..SYSMAIN ASSY (XV-DV395K)	XWM3394
	1..COMPLEX ASSY (XV-DV575, XV-DV580)	XWM3429
	1..COMPLEX ASSY (XV-DV385K, XV-DV395K)	XWM3428
NSP	1..NHTS JACK ASSY	AWM8034
	2..EUROSCART ASSY	AWU8291
⚠	1..POWER SUPPLY UNIT	XWR3018
	1..FM/AM TUNER UNIT	AXX7248
	1..DVD MECHA ASSY (for service)	A2ZX01A650

3.3 JIGS LIST

■ Jigs list

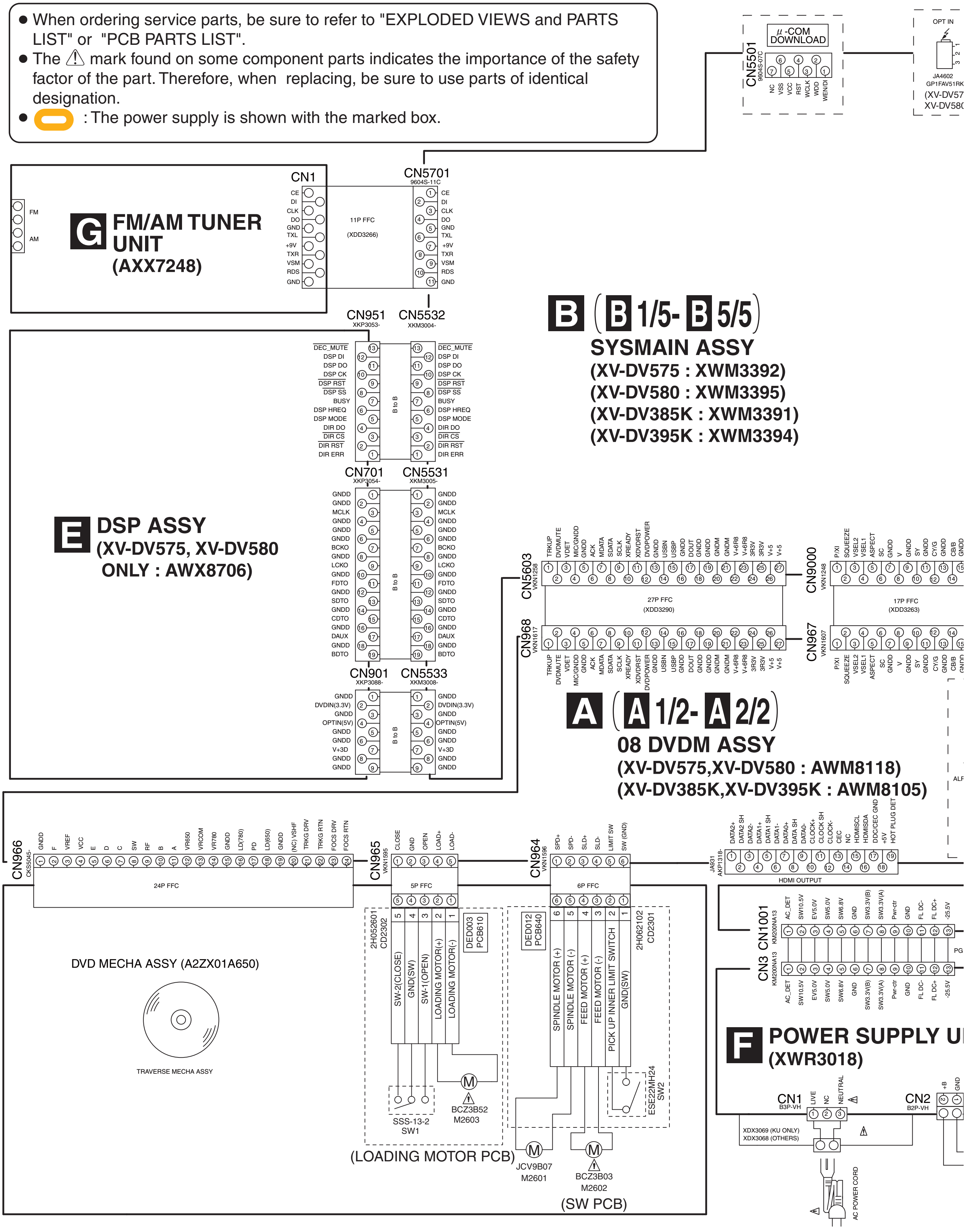
Name	Jig No.	Remarks
Service Remote Control Unit	GGF1381	Adjustment, diagnosis
DVD Test Disc (DVD-Video)	GGV1025	Check of DVD-Video
CD Test Disc	STD-905	Check of CD
DVD Data Disc	GGV1309	ID data setting
Speaker Cable with terminal	SDS1174 (FL/WHITE) SDS1175 (FR/RED), SDS1176 (SL/BLUE) SDS1177 (SR/GRAY), SDS6050 (C/GREEN)	For checking audio at the SP terminal

■ Lubricants and Glues list

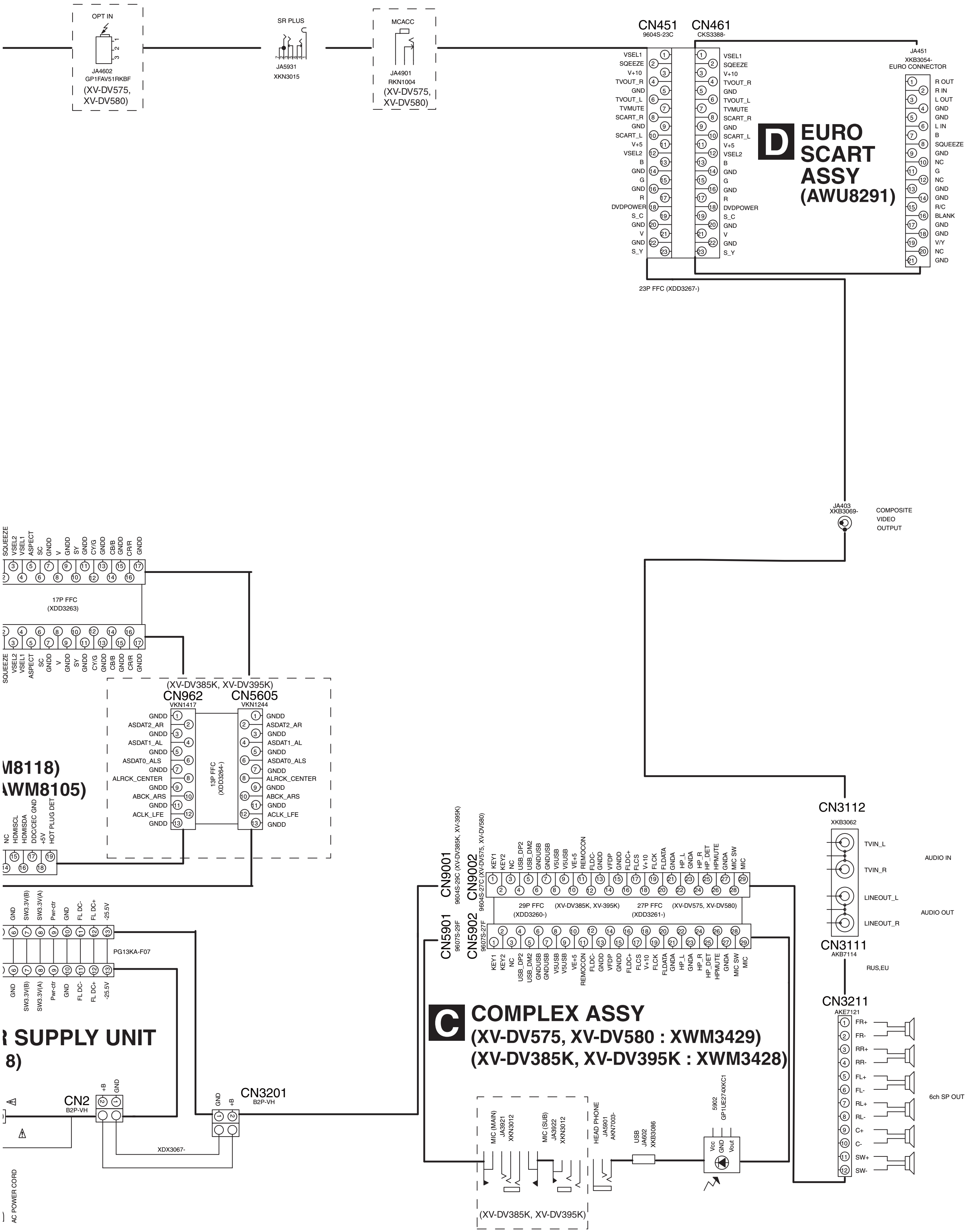
Name	Lubricants and Glues No.	Remarks
Daifree	GEM1036 (ZLX-ME413A)	Refer to "9.3 DVD MECHA ASSY"
Lubricating oil	GYA1001 (ZLB-PN397B)	Refer to "9.3 DVD MECHA ASSY"
Grease	GEM1018	Refer to "9.3 DVD MECHA ASSY"

4. BLOCK DIAGRAM
4.1 OVERALL WIRING CONNECTION DIAGRAM

- When ordering service parts, be sure to refer to "EXPLODED VIEWS and PARTS LIST" or "PCB PARTS LIST".
- The ⚠ mark found on some component parts indicates the importance of the safety factor of the part. Therefore, when replacing, be sure to use parts of identical designation.
- ⬭ : The power supply is shown with the marked box.

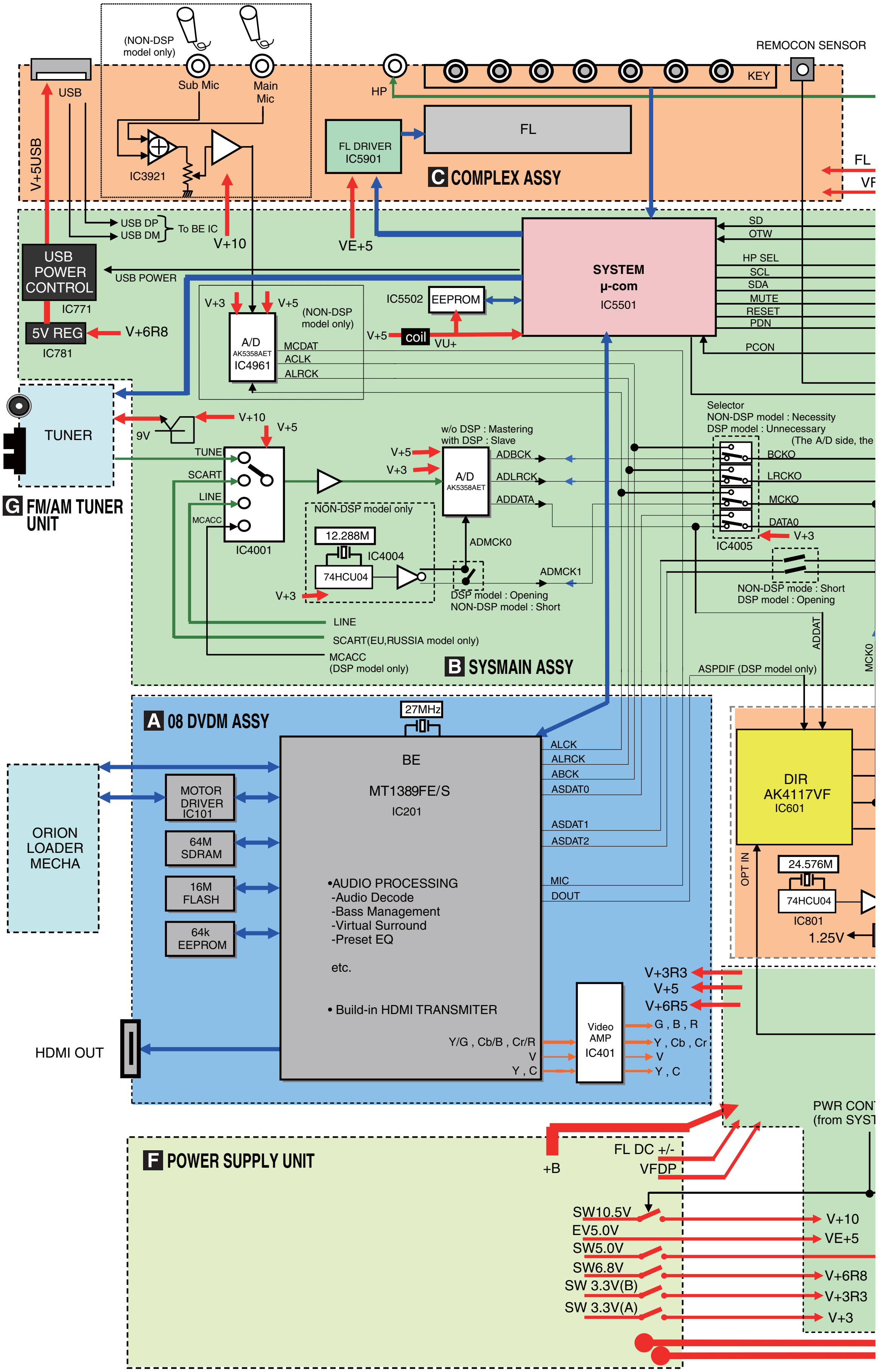


G FM/AM TUNER UNIT (AXX7248)
FM
AM
CN1
CE DI CLK DO GND TXL +9V TXR VSM RDS GND
11P FFC (XDD3266)
CN5701 9604S-11C
CN5501 9604S-07C
μ-COM DOWNLOAD
NC VSS VCC RST WCLK WDD WEN/DI
OPT IN
JA4602 GP1FAV51RK
(XV-DV57
XV-DV58
B (B 1/5- B 5/5)
SYSMAIN ASSY
(XV-DV575 : XWM3392)
(XV-DV580 : XWM3395)
(XV-DV385K : XWM3391)
(XV-DV395K : XWM3394)
CN951 XKP3053-
CN5532 XKM3004-
DEC_MUTE DSP DI DSP DO DSP CK DSP RST DSP SS BUSY DSP HREQ DSP MODE DIR DO DIR CS DIR RST DIR ERR
B to B
CN701 XKP3054-
CN5531 XKM3005-
GNDD GNDD MCLK GNDD GNDD GNDD BCKO GNDD LCKO GNDD FDTO GNDD SDTO GNDD CDTO GNDD DAUX GNDD BDTO
CN901 XKP3088-
CN5533 XKM3008-
GNDD DVDIN(3.3V) GNDD OPTIN(5V) GNDD GNDD V+3D GNDD GNDD
E DSP ASSY
(XV-DV575, XV-DV580 ONLY : AWX8706)
CN5603 VKN1258
CN968 VKN1617
TRKUP DVDMUTE VDET MIC/GNDD GNDD ACK MDATA SDATA SCLK XREADY XDVDRST DVDPOWER GNDD USBN USBN USBP USBP GNDD DOUT GNDD GNDD GNDM GNDM V+6R8 V+6R8 3R3V 3R3V V+5 V+5
27P FFC (XDD3290)
CN9000 VKN1248
CN967 VKN1607
P/XI SQUEEZE VSEL2 VSEL1 ASPECT SC GNDD V GNDD SY GNDD CY/G GNDD CB/B GNDD
17P FFC (XDD3263)
A (A 1/2- A 2/2)
08 DVDM ASSY
(XV-DV575,XV-DV580 : AWM8118)
(XV-DV385K,XV-DV395K : AWM8105)
CN966 CKS5645-
GNDD F VREF VCC E D C SW RF B A VR650 VRCOM VR780 GNDD LD(780) PD LD(650) GNDD (NC) VSHF TRKG DRV TRKG RTN FOCS DRV FOCS RTN
24P FFC
CN965 VKN1595
CLOSE GND OPEN LOAD+ LOAD-
5P FFC
CN964 VKN1596
SPD+ SPD- SLD+ SLD- LIMIT SW SW (GND)
6P FFC
JA931 AKP1318-
DATA2+ DATA2 SH DATA2- DATA1+ DATA1 SH DATA1- DATA0+ DATA0 SH DATA0- CLOCK+ CLOCK SH CLOCK- CEC NC HDMISCL HDMISDA DDC/CEC GND +5V HOT PLUG DET
HDMI OUTPUT
ALF
DVD MECHA ASSY (A2ZX01A650)
TRAVERSE MECHA ASSY
2H052601 CD2302
SW-2(CLOSE) GND(SW) SW-1(OPEN) LOADING MOTOR(+) LOADING MOTOR(-)
DED003 PCB610
SSS-13-2 SW1
BCZ3B52 M2603
(LOADING MOTOR PCB)
DED012 PCB640
SPINDLE MOTOR (+) SPINDLE MOTOR (-) FEED MOTOR (+) FEED MOTOR (-) PICK UP INNER LIMIT SWITCH GND(SW)
2H062102 CD2301
ESE22MH24 SW2
JCV9B07 M2601
BCZ3B03 M2602
(SW PCB)
CN1001 KM200NA13
CN3 KM200NA13
AC_DET SW10.5V EV5.0V SW5.0V SW6.8V GND SW3.3V(B) SW3.3V(A) Pwr-ctr GND FL DC- FL DC+ -25.5V
PG
F POWER SUPPLY U
(XWR3018)
CN1 B3P-VH
LIVE NC NEUTRAL
CN2 B2P-VH
+B GND
XDX3069 (KU ONLY)
XDX3068 (OTHERS)
AC POWER CORD

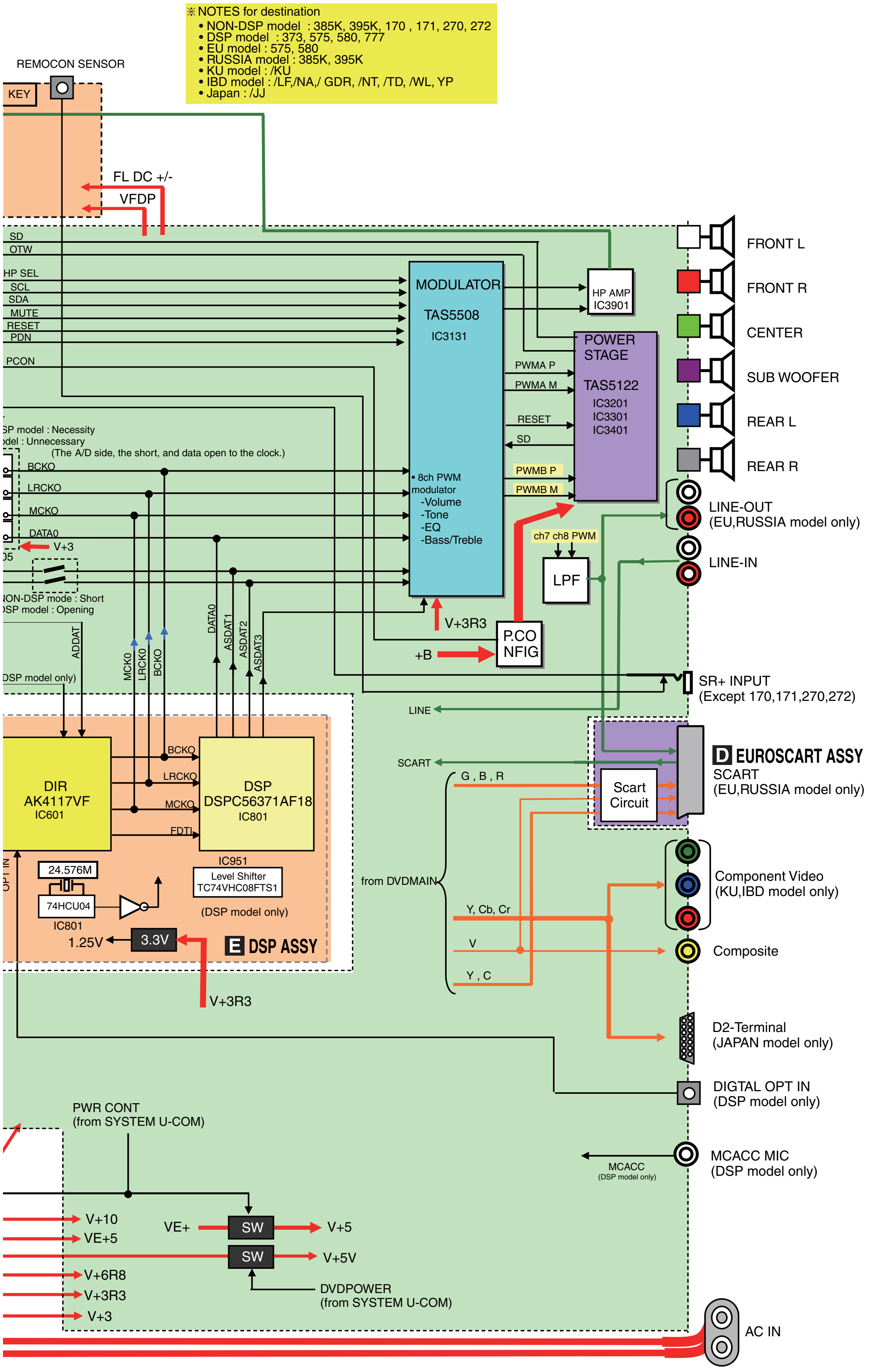


OPT IN
JA4602
GP1FAV51RKBF
(XV-DV575, XV-DV580)
SR PLUS
JA5931
XKN3015
MCACC
JA4901
RKN1004
(XV-DV575, XV-DV580)
CN451
9604S-23C
CN461
CKS3388-
VSEL1
SQEEZE
V+10
TVOUT_R
GND
TVOUT_L
TVMUTE
SCART_R
GND
SCART_L
V+5
VSEL2
B
GND
G
GND
R
DVDPOWER
S_C
GND
V
GND
S_Y
23P FFC (XDD3267-)
JA451
XKB3054-
EURO CONNECTOR
R OUT
R IN
L OUT
GND
GND
L IN
B
SQUEEZE
GND
NC
G
NC
GND
GND
R/C
BLANK
GND
GND
V/Y
NC
GND
D
EURO SCART ASSY
(AWU8291)
JA403
XKB3069-
COMPOSITE VIDEO OUTPUT
SQUEEZE
VSEL2
VSEL1
ASPECT
SC
GNDD
V
GNDD
SY
GNDD
CY/G
GNDD
CB/B
GNDD
CR/R
GNDD
17P FFC
(XDD3263)
(XV-DV385K, XV-DV395K)
CN962
VKN1417
CN5605
VKN1244
GNDD
ASDAT2_AR
GNDD
ASDAT1_AL
GNDD
ASDAT0_ALS
GNDD
ALRCK_CENTER
GNDD
ABCK_ARS
GNDD
ACLK_LFE
GNDD
13P FFC
(XDD3264-)
M8118)
AWM8105)
NC
HDMISCL
HDMISDA
DDC/CEC GND
+5V
HOT PLUG DET
GND
SW3.3V(B)
SW3.3V(A)
Pwr-ctr
GND
FL DC-
FL DC+
-25.5V
PG13KA-F07
R SUPPLY UNIT
8)
CN2
B2P-VH
+B
GND
XDX3067-
AC POWER CORD
CN3201
B2P-VH
GND
+B
CN9001
9604S-29C (XV-DV385K, XV-395K)
CN9002
9604S-27C (XV-DV575, XV-DV580)
CN5901
9607S-29F
CN5902
9607S-27F
KEY1
KEY2
NC
USB_DP2
USB_DM2
GNDUSB
GNDUSB
V5USB
V5USB
VE+5
REMOCON
FLDC-
GNDD
VFDP
GNDD
FLDC+
FLCS
V+10
FLCK
FLDATA
GNDA
HP_L
GNDA
HP_R
HP_DET
HPMUTE
GNDA
MIC SW
MIC
29P FFC (XV-DV385K, XV-395K)
(XDD3260-)
27P FFC (XV-DV575, XV-DV580)
(XDD3261-)
C
COMPLEX ASSY
(XV-DV575, XV-DV580 : XWM3429)
(XV-DV385K, XV-DV395K : XWM3428)
MIC (MAIN)
JA3921
XKN3012
MIC (SUB)
JA3922
XKN3012
HEAD PHONE
JA5901
AKN7003-
USB
JA602
XKB3086
5902
GP1UE274XKC1
Vcc
GND
Vout
(XV-DV385K, XV-DV395K)
CN3112
XKB3062
TVIN_L
TVIN_R
AUDIO IN
LINEOUT_L
LINEOUT_R
AUDIO OUT
CN3111
AKB7114
RUS,EU
CN3211
AKE7121
FR+
FR-
RR+
RR-
FL+
FL-
RL+
RL-
C+
C-
SW+
SW-
6ch SP OUT
5
6
7
8
A
B
C
D
E
F

4.2 OVERALL BLOCK DIAGRAM



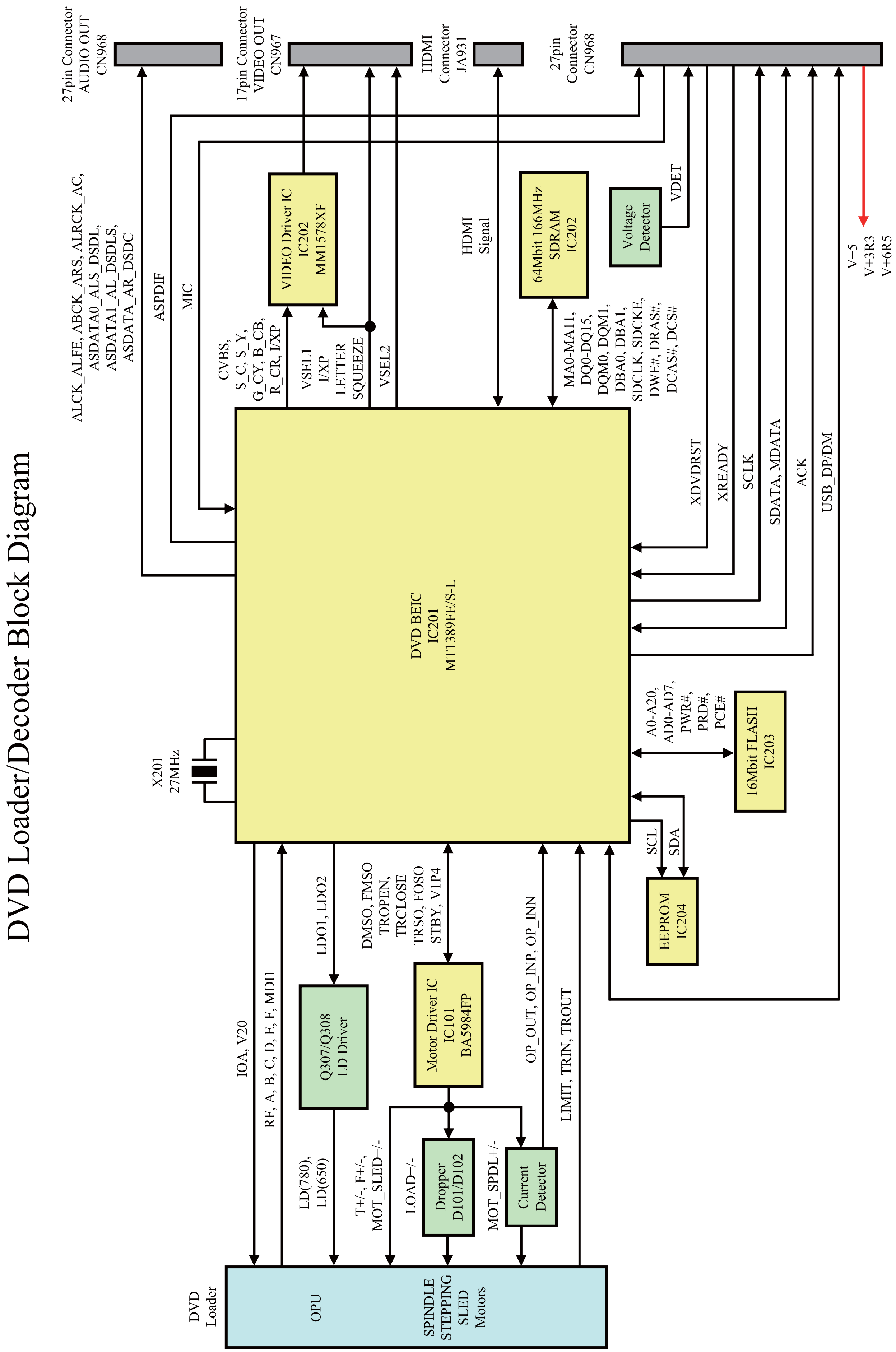
(NON-DSP model only)
Sub Mic
Main Mic
IC3921
USB
V+5USB
HP
KEY
REMOCON SENSOR
FL DRIVER IC5901
FL
C COMPLEX ASSY
FL
VF
USB DP
USB DM
To BE IC
V+10
VE+5
USB POWER CONTROL
IC771
USB POWER
5V REG
IC781
V+6R8
SYSTEM μ-com IC5501
SD
OTW
HP SEL
SCL
SDA
MUTE
RESET
PDN
PCON
IC5502
EEPROM
V+5
coil
VU+
V+3
V+5
(NON-DSP model only)
A/D AK5358AET IC4961
MCDAT
ACLK
ALRCK
TUNER
G FM/AM TUNER UNIT
9V
V+10
V+5
TUNE
SCART
LINE
MCACC
IC4001
w/o DSP : Mastering
with DSP : Slave
V+5
V+3
A/D AK5358AET
ADBCK
ADLRCK
ADDATA
NON-DSP model only
12.288M
IC4004
74HCU04
V+3
ADMCK0
ADMCK1
DSP model : Opening
NON-DSP model : Short
Selector
NON-DSP model : Necessity
DSP model : Unnecessary
(The A/D side, the
BCKO
LRCKO
MCKO
DATA0
V+3
IC4005
NON-DSP mode : Short
DSP model : Opening
LINE
SCART(EU,RUSSIA model only)
MCACC
(DSP model only)
B SYSMAIN ASSY
ADDAT
MCKO
ASPDIF (DSP model only)
A 08 DVDM ASSY
27MHz
BE
MT1389FE/S
IC201
•AUDIO PROCESSING
-Audio Decode
-Bass Management
-Virtual Surround
-Preset EQ
etc.
• Build-in HDMI TRANSMITER
ALCK
ALRCK
ABCK
ASDAT0
ASDAT1
ASDAT2
MIC
DOUT
ORION LOADER MECHA
MOTOR DRIVER IC101
64M SDRAM
16M FLASH
64k EEPROM
HDMI OUT
Y/G , Cb/B , Cr/R
V
Y , C
Video AMP IC401
G , B , R
Y , Cb , Cr
V
Y , C
V+3R3
V+5
V+6R5
DIR AK4117VF IC601
OPT IN
24.576M
74HCU04
IC801
1.25V
PWR CON
(from SYST
F POWER SUPPLY UNIT
+B
FL DC +/-
VFDP
SW10.5V
EV5.0V
SW5.0V
SW6.8V
SW 3.3V(B)
SW 3.3V(A)
V+10
VE+5
V+6R8
V+3R3
V+3



※NOTES for destination
- NON-DSP model : 385K, 395K, 170 , 171, 270, 272
- DSP model : 373, 575, 580, 777
- EU model : 575, 580
- RUSSIA model : 385K, 395K
- KU model : /KU
- IBD model : /LF,/NA,/ GDR, /NT, /TD, /WL, YP
- Japan : /JJ

REMOCON SENSOR
KEY
FL DC +/-
VFDP
SD
OTW
HP SEL
SCL
SDA
MUTE
RESET
PDN
PCON
MODULATOR
TAS5508
IC3131
HP AMP
IC3901
POWER STAGE
TAS5122
IC3201
IC3301
IC3401
PWMA P
PWMA M
RESET
SD
PWMB P
PWMB M
• 8ch PWM modulator
-Volume
-Tone
-EQ
-Bass/Treble
ch7 ch8 PWM
LPF
V+3R3
P.CO NFIG
+B
SP model : Necessity
odel : Unnecessary
(The A/D side, the short, and data open to the clock.)
BCKO
LRCKO
MCKO
DATA0
V+3
05
ION-DSP mode : Short
DSP model : Opening
ADDAT
DSP model only)
MCKO
LRCKO
BCKO
DATA0
ASDAT1
ASDAT2
ASDAT3
DIR
AK4117VF
IC601
BCKO
LRCKO
MCKO
FDTI
DSP
DSPC56371AF18
IC801
IC951
Level Shifter
TC74VHC08FTS1
(DSP model only)
24.576M
74HCU04
IC801
1.25V
3.3V
OPT IN
E DSP ASSY
V+3R3
FRONT L
FRONT R
CENTER
SUB WOOFER
REAR L
REAR R
LINE-OUT
(EU,RUSSIA model only)
LINE-IN
SR+ INPUT
(Except 170,171,270,272)
LINE
SCART
G , B , R
Scart Circuit
D EUROSCART ASSY
SCART
(EU,RUSSIA model only)
from DVDMAIN
Y, Cb, Cr
V
Y , C
Component Video
(KU,IBD model only)
Composite
D2-Terminal
(JAPAN model only)
DIGTAL OPT IN
(DSP model only)
MCACC MIC
(DSP model only)
MCACC
(DSP model only)
PWR CONT
(from SYSTEM U-COM)
V+10
VE+5
VE+
SW
V+5
SW
V+5V
V+6R8
V+3R3
V+3
DVDPOWER
(from SYSTEM U-COM)
AC IN

4.3 DVD LOADER/DECODER BLOCK DIAGRAM


DVD Loader/Decoder Block Diagram
27pin Connector AUDIO OUT CN968
17pin Connector VIDEO OUT CN967
HDMI Connector JA931
27pin Connector CN968
ALCK_ALFE, ABCK_ARS, ALRCK_AC, ASDATA0_ALS_DSDL, ASDATA1_AL_DSDLS, ASDATA_AR_DSDC
ASPDIF
MIC
VIDEO Driver IC IC202 MM1578XF
CVBS, S_C, S_Y, G_CY, B_CB, R_CR, I/XP
VSEL1 I/XP LETTER SQUEEZE
VSEL2
HDMI Signal
64Mbit 166MHz SDRAM IC202
MA0-MA11, DQ0-DQ15, DQM0, DQM1, DBA0, DBA1, SDCLK, SDCKE, DWE#, DRAS#, DCAS#, DCS#
Voltage Detector
VDET
V+5 V+3R3 V+6R5
XDVDRST
XREADY
SCLK
SDATA, MDATA
ACK
USB_DP/DM
DVD BEIC IC201 MT1389FE/S-L
A0-A20, AD0-AD7, PWR#, PRD#, PCE#
16Mbit FLASH IC203
X201 27MHz
SCL
SDA
EEPROM IC204
IOA, V20
RF, A, B, C, D, E, F, MDI1
LDO1, LDO2
Q307/Q308 LD Driver
LD(780), LD(650)
DMSO, FMSO TROPEN, TRCLOSE TRSO, FOSO STBY, V1P4
Motor Driver IC IC101 BA5984FP
T+/-, F+/-, MOT_SLED+/-
LOAD+/-
Dropper D101/D102
MOT_SPDL+/-
Current Detector
OP_OUT, OP_INP, OP_INN
LIMIT, TRIN, TROUT
DVD Loader
OPU
SPINDLE STEPPING SLED Motors

5. DIAGNOSIS

5.1 METHOD FOR DIAGNOSING DEGRADATION OF THE LDS ON THE PICKUP

Case when this diagnosis is required :
When playback of any disc, including a test disc (DVD: GGV1025, CD: STD-905), cannot be performed

■ How to diagnose

In the case mentioned above, degradation of the laser diodes (LDs) mounted on the Pickup PCB is suspected. Measure the voltage between the two ends of one of the resistors mentioned below.

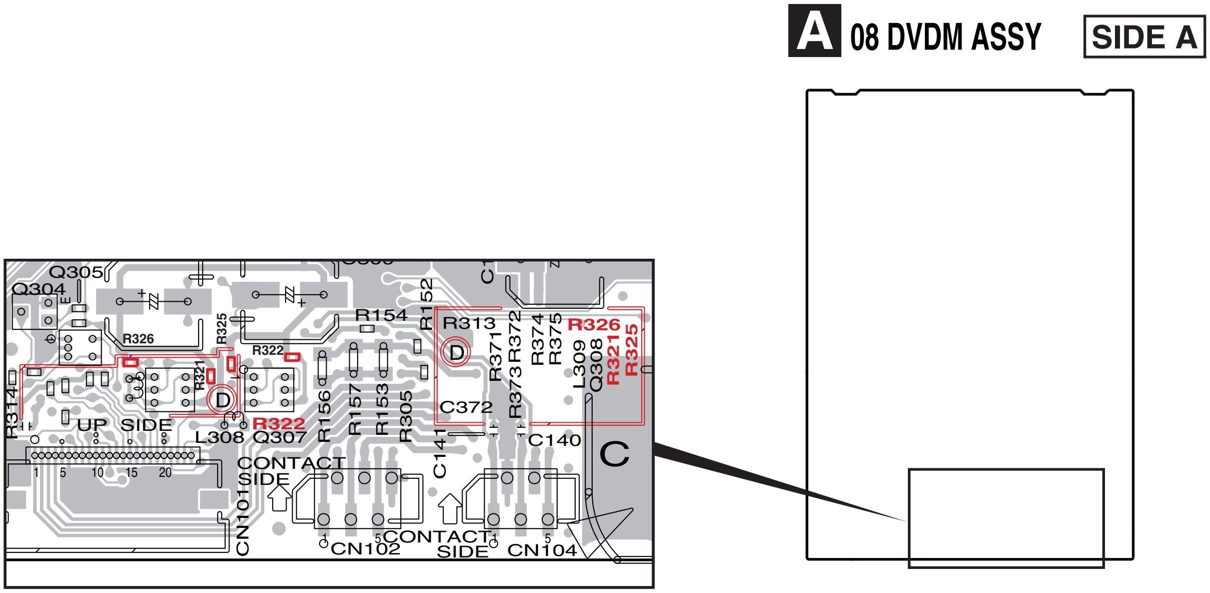
- **No playback of a DVD :**

  Measure the voltage between the two ends of R322 or R325 on the 08 DVDM Assy. If the voltage is 0.4 V or higher, the 650-nm LD is degraded.

- **No playback of a CD :**

  Measure the voltage between the two ends of R321 or R326 on the 08 DVDM Assy. If the voltage is 0.4 V or higher, the 780-nm LD is degraded.

If the measurements show degradation of an LD, replace the DVD MECHA Assy.


A
08 DVDM ASSY
SIDE A
Q305
Q304
R326
R325
R322
R321
D
R154
R152
R313
D
R371
R372
R373
R374
R375
L309
Q308
R326
R321
R325
R314
UP SIDE
L308
Q307
R322
R156
R157
R153
R305
C372
C141
C140
C
CONTACT SIDE
CN101
CN102
CONTACT SIDE
CN104

5.2 DVD TROUBLE SHOOTING

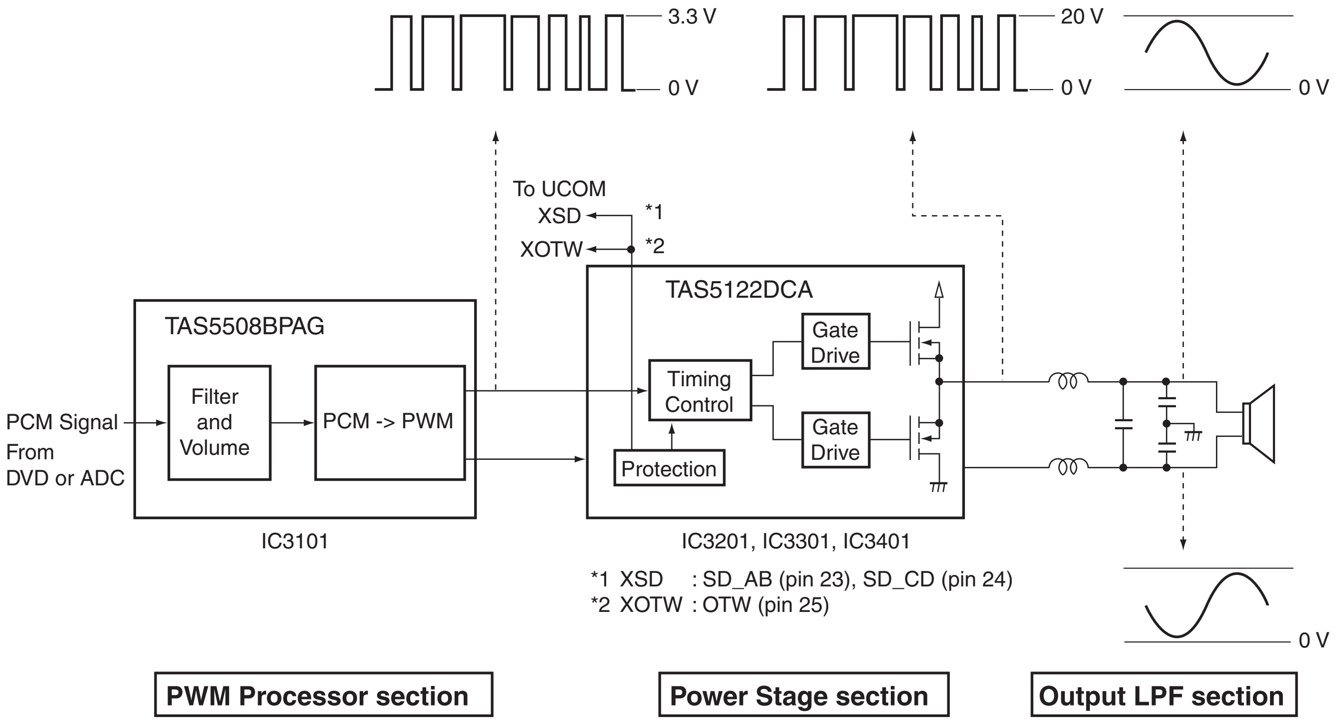
● Symptoms that may occur when any of the following ICs is in failure

IC	Symptoms
EEP ROM (08 DVDM Assy : IC204)	User's data cannot be stored in memory. The ID number is lost.
Flash ROM (08 DVDM Assy : IC203)	The power cannot be turned on. Downloading of the firmware cannot be performed.
DVD IC (08 DVDM Assy : IC201)	Any kind of symptoms (no power, a failure in any of the servo, video and audio systems, USB etc.) may be generated, because the DVD processing is performed by a single chip.
64M SDRAM (08 DVDM Assy : IC202)	No power. Block noise is generated during playback.

No.	Symptoms	Diagnosis Contents	Possible Defective Points
1	The power is not turned on.	Are wires of output connector (POWER SUPPLY Unit) and CN968 (08 DVDM Assy) disconnected or damaged ?	Connector / cable
		Check that the following voltage is output : CN968-pin 24 or pin 25 (08 DVDM Assy): 3.3 V	**POWER SUPPLY Unit**
2	An opening screen is not displayed on the monitor (The FL display lights. The mechanism does not work.)	Are the signals output from IC201-pin 97 (MDATA) and pin 98 (SCLK) on the 08 DVDM Assy ? (in the range of 0 - 3 V)	**08 DVDM Assy** DVD IC (IC201)
		Are the signals input into IC5501-pin 50 (MDATA) and pin 51 (SCLK) on the SYSMAIN Assy ? (in the range of 0 - 3V)	**SYSMAIN Assy** UCOM (IC5501)
		Check that the following voltage are output : Q1302-collector on the SYSMAIN Assy: 5V	**POWER SUPPLY Unit / SYSMAIN Assy** Q1302
		Is a resonator (X201: 27 MHz) on the 08 DVDM Assy oscillating ?	**08 DVDM Assy** Crystal resonator (X201) DVD IC (IC201)
		• Is a signal input into IC203-pin26 (PCE#) on the 08 DVDM Assy ? (Is a signal "H" for 80 ms and then "L" after the power is turned on ?) -> Communication with flash ROM. • Are the signals input into IC202-pin 16 (DWE#), pin 19 (DCS#) and pin 38 (SDCLK) on the 08 DVDM Assy ? (Is a signal fluctuating ?) -> Communication with SDRAM	**08 DVDM Assy** DVD IC (IC201) Flash ROM (IC203) SDRAM (IC202)
		Is a signal output from IC203-pin 28 (PRD#) on the 08 DVDM Assy? (Is a signal fluctuating for several hundred ms after the power is turned on ?)	**08 DVDM Assy** Flash ROM (IC203)
		Is a signal input into IC5501-pin 67 (DVD ACK) on the SYSMAIN Assy ? (Is a signal fluctuating ?) -> Communication with FL Control IC	**08 DVDM Assy** DVD IC (IC201) **SYSMAIN Assy** UCOM (IC5501)
		Is a signal output from IC5501-pin 78 (XREADY) on the SYSMAIN Assy ? (Is a signal fluctuating in the range of 0-5V ?)	**SYSMAIN Assy** UCOM (IC5501)
		Are the signals output from IC5501-pin 49 (SDATA) on the SYSMAIN Assy ? (in the range of 0-5V)	**08 DVDM Assy** DVD IC (IC201) **SYSMAIN Assy** UCOM (IC5501)
		Are the signals of IC204-pin 5 (SDA) and pin 6 (SCL) on the 08 DVDM Assy fluctuating for one or two seconds after the power is turned?	**08 DVDM Assy** EEPROM (IC204)
3	An opening screen is not displayed on the monitor (The FL display lights. The mechanism works.)	Check the video signal path between DVD IC (08 DVDM Assy IC201) and video-out terminal (see the block diagram)	**08 DVDM Assy** Video circuit after DVD IC (IC201)

No.	Symptoms	Diagnosis Contents	Possible Defective Points
4	A tray cannot be opened. (An opening screen is displayed on the monitor)	Does the voltage of CN965-pin 3 and pin 5 on the 08 DVDM Assy change normally ? Pin 3 (CLOSE (TRIN)): Tray is fully closed: "L" Pin 5 (OPEN (TROUT)): Tray is fully opened: "L"	**DVD MECHA Assy** Switch (SW1)
		Is the signal input into IC101-pin 1 (TROPEN) on the 08 DVDM Assy? At open: 3.3 V, At close: 0 V	**08 DVDM Assy** DVD IC (IC201)
		Are the signals output from CN965-pin 5 and pin 4 on the 08 DVDM Assy ? Pin 5: Approx. 5 V during opening tray approx. 1 V during closing tray. Pin 4: Approx. 0 V during opening tray approx. 6 V during closing tray.	**08 DVDM Assy** FTS Driver IC (IC101)
		Are wires of CN964 and CN965 on the 08 DVDM Assy disconnected or damaged ?	Connector / cable
		Does the voltage of CN964-pin 5 on the 08 DVDM Assy change to 0 V by pressing the Push switch.	Push switch (SW2)
5	Playback impossible (no focusing)	Are the signals output from IC101-pin 16 (F+) and pin 15 (F–) on the 08 DVDM Assy ?	**08 DVDM Assy** FTS Driver IC (IC101)
		Does 650-nm LD emit light ? Does a pickup lens move up / down ? Does an actuator spring bend ?	Pickup
		Are plastic parts damaged ? Or is a shaft detached ? Is the turntable detached or tilted ?	Mechanism section (motor)
		Is flexible cable of CN965 on the 08 DVDM Assy disconnected or damaged ?	Flexible cable / connector
		Is signal output from IC201-pin 41 (FOSO) on the 08 DVDM Assy ? (Device control of about 1.4 V is output usually. It is fluctuated by about 250 mV with focus up / down.)	**08 DVDM Assy** DVD IC (IC201)
6	Playback impossible (Spindle does not turn)	Are the signals output from IC101-pin 12 (MOT_SPDL–) and pin 11 (MOT_SPDL+) on the 08 DVDM Assy ? Is pin 21 (STBY) fixed LOW ? (pin 21 is High at playback: 3 V)	**08 DVDM Assy** FTS Driver IC (IC101)
		Is there any part detached from the spindle motor ? Or Is there any foreign object lodged in it ?	Mechanism section (Spindle motor)
		Are wires of CN964 on the 08 DVDM Assy disconnected or damaged ?	Flexible cable / connector
		Is signal output from IC201-pin 36 (DMSO) on the 08 DVDM Assy ?	**08 DVDM Assy** DVD IC (IC201)
7	Playback impossible (Playback stops)	Does 650-nm LD deteriorate ? If the voltage at each both ends of R322 and R325 on the 08 DVDM Assy is 0.4 V or more, the 650-nm LD is definitely deteriorated.	650-nm LD deteriorated. (When playback of a DVD is impossible)
		Does 780-nm LD deteriorate ? If the voltage at each both ends of R321 and R326 on the 08 DVDM Assy is 0.4 V or more, the 780-nm LD is definitely deteriorated.	780-nm LD deteriorated. (When playback of a CD is impossible)
		Are there scratches or dirt on the disc ?	Disc
8	Picture disturbance during playback (block noise, freeze, other)	Are there scratches or dirt on the disc ? Is there a problem with the format of the disc ?	Disc
		Check the video signals. Composite video signal (IC401-pin 23) S video signal (IC401-pin 21, pin 26) RGB video signal (IC401-pin 16, pin 18, pin 20)	**08 DVDM Assy** DVD IC (IC201) Video IC (IC401)
9	No sound (Picture is normal)	Check the waveform (ALCK: IC201-pin 231), (ALRCK: IC201-pin 227), (ABCK : IC201-pin 230), (ASDATA0/1/2: IC201-pin 226/225/223). Check the waveform (ASPDIF: IC201-pin 215)	**08 DVDM Assy** DVD IC (IC201)

5.3 CIRCUIT DESCRIPTION OF DIGITAL AMP SECTION


3.3 V
0 V
20 V
0 V
0 V
To UCOM
XSD
XOTW
*1
*2
TAS5508BPAG
Filter and Volume
PCM -> PWM
PCM Signal From DVD or ADC
TAS5122DCA
Timing Control
Protection
Gate Drive
Gate Drive
IC3101
IC3201, IC3301, IC3401
0 V
PWM Processor section
Power Stage section
Output LPF section

*1 XSD : SD_AB (pin 23), SD_CD (pin 24)
*2 XOTW : OTW (pin 25)

PWM Processor section

The PCM signals output from the DVD decoder or AD converter are input to this section, and their volume and sound quality are digitally adjusted. At the output stage, after conversion from PCM to PWM, the signals are output to the Power stage.

Power Stage section

In this section, timing is controlled so that the MOSFETs on the high and low sides will not be turned on simultaneously. The voltage of the PWM signals are raised to drive the gates of the MOSFET, and the PWM signals to drive the speakers are output from the MOSFET at the output stage. Detection and protection functions against short-circuiting of the output signals and temperature exceeding the standard value are also provided.

If the detection and protection work, the ports of the power stage ICs become the following state.

Power Stage ICs No.	Protection Enable State
IC3201 IC3301 IC3401	SD_AB (pin 23) => L
	SD_CD (pin 24) => L
	OTW (pin 25) => L

Output LPF section

The carrier elements, high-frequency signals that are unnecessary for these speakers, are eliminated. The signals passed through the LPF will become sine-wave signals, as shown in the figure above.

5.4 SPECIFICATIONS OF PROTECTION CIRCUITS FOR DIGITAL AMP SECTION

The protection circuits for the Digital Amplifier are activated, following the specifications shown below. The error indication on the FL display shows the reason a protection circuit was activated.
Upon diagnosis of the Digital Amplifier, refer to the specifications for the protection circuits here and the overview of the Digital Amplifier circuitry.

1. Overview

The system microcomputer monitors the ports for shutdown requests (pin 23: SD_AB and pin 24: SD_CD) and the ports for abnormal-temperature detection (pin 25: /OTW) of the Power Stage ICs (IC3201, IC3301, and IC3401). As soon as any abnormality is detected, it shuts the unit down.
To notify the user of the possibility of a too high a volume, when the unit is turned on the next time, the volume level will be set to 0, and an error message will be displayed on the FL display.

2. Ports on the system microcomputer to be used for detection

Pin 77: SHUTDOWN
Low voltage at this pin means overcurrent or voltage too low (= V+B27) at a Power Stage IC.

Pin 79: XOTW
Low voltage at this pin means the temperature at the Power Stage ICs exceeded 125 °C.

Note: As one Power Stage IC is provided with two channels, three Power Stage ICs (in total 6 channels) are mounted in this unit. For abnormality detection, the unit implements a logical OR operation regarding these three ICs. Therefore, which IC is abnormal cannot be known directly. To find which IC is abnormal, it is required to check the PWM outputs (pins 35, 38, 47, 50) of the each power stage ICs (IC3201, IC3301, IC3401).

3. Detection timing

Start : Detection starts 500 ms after the PWRCONT port (pin 84) of the system microcomputer becomes active by your pressing the STANDBY/ON key.

Finish : When the STANDBY/ON key is pressed again (when the power-off process starts).

4. Operation of the protection circuits

The following three protection circuits are activated when the conditions shown below are met:

Overcurrent detection: Indication on the FL display: OC ERROR
Conditions: If the SHUTDOWN ports, which are monitored every 10 ms, become low 7 times in succession

Abnormal temperature detection 1: Indication on the FL display: OVERTEMP
Conditions: If the XOTW ports, which are monitored every 10 ms, become low in succession for one minute.

Abnormal temperature detection 2: Indication on the FL display: OVERTEMP
(Prerequisite: The XOTW ports, which are monitored every 10 ms, become low three times in succession.)
Conditions: The above prerequisite is upheld, and the conditions for an overcurrent detection are met.

Abnormal temperature detection 3: Indication on the FL display: OVERTEMP
Conditions: The PCONFIG ports (pin 21), which are monitored every 30 ms, become more than 2 Vrms more than 45 % in one minute.

5. Process when the protection circuits are activated

The unit is shut down within 30 ms after abnormality detection then the volume level is set to 0. The unit can be turned on immediately after the shutdown.

6. SERVICE MODE

6.1 TEST MODE

■ Test Mode Functional Specification

① Test mode entry

In the power ON state, press the [ESC] key and [TEST] key in order of the Test mode remote control unit.
- OSD displays test mode.

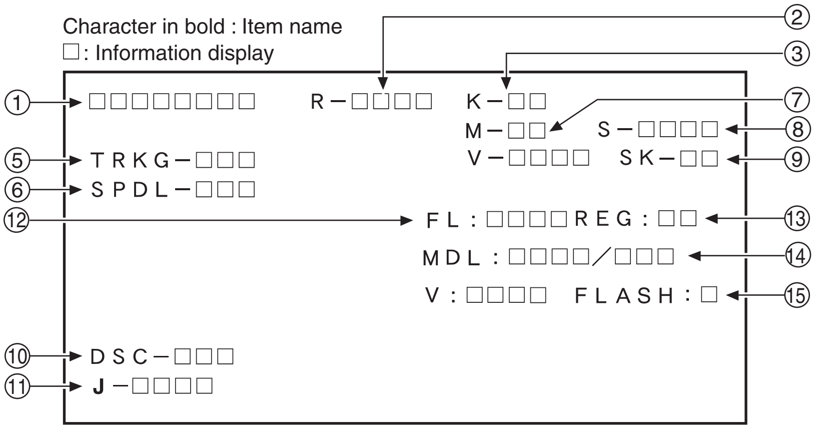
② LD ON

Enter the test mode.
DVD : Press the [TEST] and [1] keys in order, and turn on the laser diode (650 nm).
CD : Press the [TEST] and [4] keys in order, and turn on the laser diode (780 nm).

③ Release the Test mode

- Turn off the power.
- Press the [ESC] key of the remote control unit and reset it.

6.2 DISPLAY SPECIFICATIONS OF THE TEST MODE



① **Address indication**

The address being traced is displayed in number.
(as for the DVD, indication of decimal number is possible.)
DVD : ID indication (hexadecimal number, 8 digits)
[* * * * * * * *]
CD : ID indication [* * * * * * * *]

② **Code indication of remote control unit [R – * * * *]**

In case of double code, display a 2nd code.

③ **Main unit keycode indication [K – * *]**

⑤ **Tracking status [TRKG – * * *]**

Tracking on : [ON]
Tracking off : [OFF]

⑥ **Spindle status [SPDL – * * *]**

CLV : [CLV]
Off : [OFF]

⑦ **Mechanism (loading) position value [M – * *]**

Unknown : [01] or [41]
Open state : [04]
Close state : [08]
During opening : [12]
During closing : [22]

⑧ **Slider position [S – * * * *]**

In Side Switch ON : [01]
In Side Switch OFF: [00]

⑨ **Output video system [V – * * * *]**

NTSC system : [NTSC]
PAL system : [PAL]
Automatic setting: [AUTO]

Scart terminal output [SK – * *]

(Display only the WY model which can do the output setting of scart terminal.)
VIDEO : [00]
S-VIDEO : [01]
RGB : [02]

⑩ **Disc sensing [DSC – * * *]**

The type of discs loaded is displayed.
[DVD], [CD]

⑪ **Jitter value [J – * * * *]**

Note: Don't use it.

⑫ **Version of the FL controller [FL: * * * *]**

Note: Don't use it.

⑬ **Region setting of the player [REG: *]**

Setting value : [1] to [6]

⑭ **Destination setting of the FL controller [MDL: * * * * / * * *]**

Four characters in the front represent code 01.
Three characters in the back represent the destination code.
J: Japan, K: North America, R: General Area,
LB: Taiwan, WY: Europe, TH: Thai, RAM: China

⑮ **Version of the flash ROM [V: * *. * *]**
Flash ROM size [FLASH = * *]

6.3 FUNCTIONAL SPECIFICATIONS OF THE SHORTCUT KEY

Only during normal playback, the following shortcut keys can be assigned by pressing a required key after pressing the ESC key of the remote control unit. To quit, press the ESC key

Command Contents	Conditions	Remote Control Key Name
Memory clear and region / revision indication		CLEAR (*1)
Average value measurement of DVD error rate		5 (*1)
CD error rate measurement		5 (*1)
Scart terminal output : VIDEO	Models equipped with Scart terminal	AUDIO
Scart terminal output : S-VIDEO		SUBTITLE
Scart terminal output : RGB		ANGLE
Progressive OFF	Only for progressive models	R_SKIP
Progressive ON		F_SKIP
HDMI Resolution : 1920 x 1080p	Only for HDMI models	PROGRAM
FL indication of ID number		STEREO (*1)
ZOOM ON (x4)		ZOOM
Service mode indication (error rate indication, etc.)		CHP/TIM (*1)
Model information indication		CHAP (*1)
Title search Input mode IN Title No. input Search execution		SIDE A (*1) Numbers (*1) PLAY (*1)
Region confimation mode		A.MON (*1) Numbers (*1)

*1 : Test mode remote control unit

• Service mode indication (ESC + CHP/TIM keys)
ID Address
The error rate is always displayed in exponential notation, e.g., *.* * e - *, for both DVDs and CDs.
EDC/ID/AV 1 error history (ID Address, EDC/ID Error, last eight errors)

• Calculation of the average error rate (ESC + "5" [Test mode remote control unit] keys)
The average of the last eight error rates is calculated and indicated in exponential notation. After the calculation is completed, "OK" or "NG" is displayed. If "NG" is displayed, the disc tray will open (for both DVDs and CDs)
For DVDs: OK with 5.0e-4 or less, for CDs: OK with 7.6e-3 or less

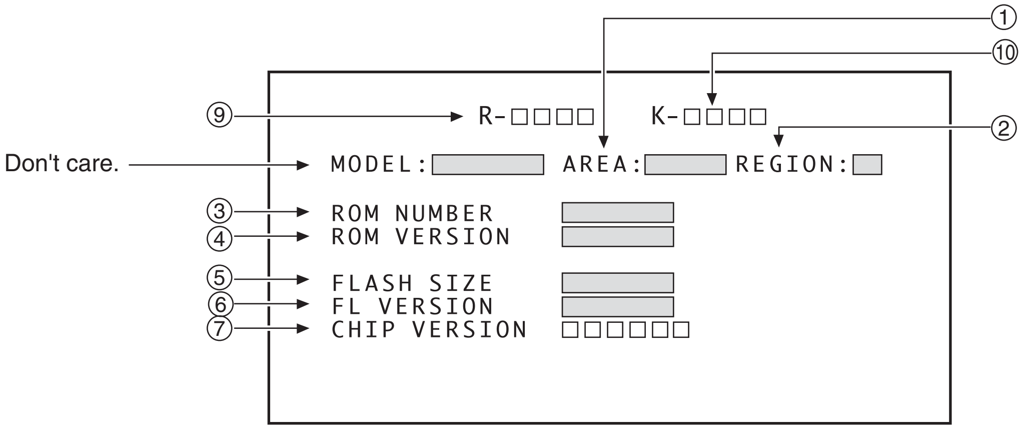
• Indication of model information (ESC + CHAP keys)
For details, see 6.4.

• Region confirmation mode (ESC + A.MON [Test mode remote control unit] + "1"-"6" [Test mode remote control unit] keys)
After you press the A.MON key while holding the ESC key pressed and then input the region number, if the number is different from that set in the unit, an error message is displayed, and the tray opens.

6.4 SPECIFICATIONS OF MODEL INFORMATION DISPLAY

To display model information : Press the ESC key then the CHAP key.
To close the model information display : Press the ESC key.

- **Display contents**



①
⑩
⑨
R-□□□□
K-□□□□
②
Don't care.
MODEL:
AREA:
REGION:
③
ROM NUMBER
④
ROM VERSION
⑤
FLASH SIZE
⑥
FL VERSION
⑦
CHIP VERSION □□□□□□

Character in bold : Item name
□: Information display

① **Destination indication**
Display it according to model information set from the FL controller.
② **Region No.**
③ **Part number**
④ **ROM version**
⑤ **Flash size**

⑥ **FL controller version**
⑦ **CHIP VERSION**

⑨ **Remote control code**
⑩ **Key code of Main unit**

6.5 FUNCTIONAL SPECIFICATIONS OF THE SERVICE MODE

• Display during Service Mode

To enter Service Mode, press the CHP/TIM key while holding the ESC key pressed.
To quit, press the ESC key.

Service mode display

① ID Address
② Error rate (always displayed), in exponential notation

ERROR RATE : ∗∗∗∗∗∗∗
(∗∗∗∗)
↑ Number of error

- Calculation of the average error rate
  For DVDs: OK with 5.0e-4 or less, for CDs: OK with 7.6e-3 or less

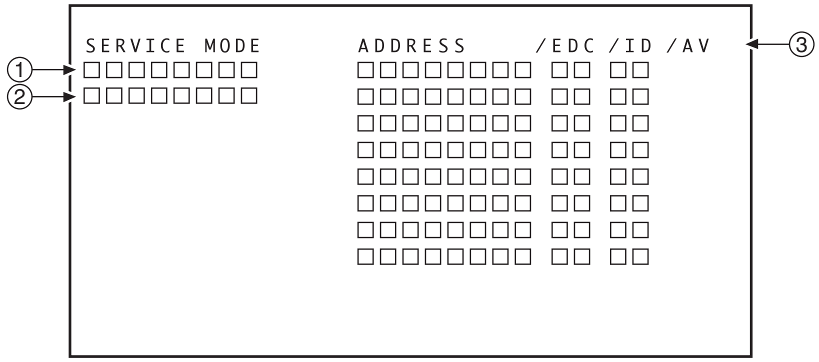
ex) For DVDs

• Step 1		• Step 2	
△△e - □		△△e -4	
△△e -6	: OK	3.0e -4	: OK
△△e -5	: OK	4.0e -4	: OK
△△e -4	: Refer to Step 2	5.0e -4	: OK
△△e -3	: NG	6.0e -4	: NG
△△e -2	: NG	7.0e -4	: NG

③ EDC/ID error history (ID Address, EDC/ID errors, last eight errors)

Note:
∗ Error of AV1 is not supported in this player.

Indication plan contents



Character in bold : Item name
□: Information display

6.6 SERVICE TEST MODE

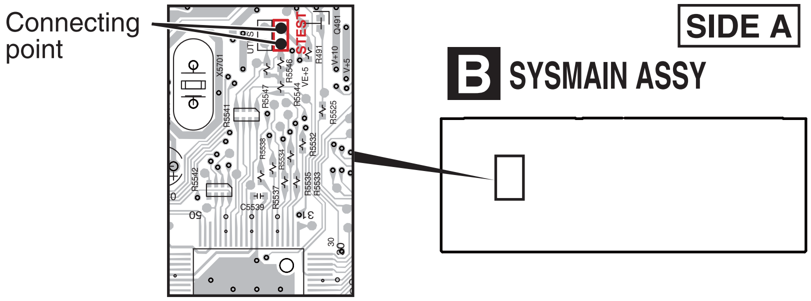
1. Configuration and conditions during checking

- Emergency shut down will not happen even if breakdown happens in the Service Test mode. (Just ignore it)
- POWER ON in test mode can be done in less than 1 minute even when emergency shut down happens when error is detected.
- Total power on time can be checked.

2. Switching to the Test Mode

- AC power on when the STEST port (pin 43) is set to HIGH (5 V).
  ∗ Initial function is DVD/CD.
- AC power on by pressing the STOP key and POWER key on the front panel at the same time.
  The set will automatically power on and the following display will appear.
- The FL display during TEST MODE entry is different depending on whether NORMAL POWER OFF occurred before entering the TEST MODE or EMERGENCY SHUT DOWN occurred due to error detection.

■ Service Test Mode connecting point



[After NORMAL POWER OFF]

[display]

WELCOME
⇩
VOL 0
⇩
DVD SERV

[After AMP error]

[display]

PRTCT E
⇩
VOL 0
⇩
DVD SERV

[After DVD error]

[display]

DVDPRTCT
⇩
VOL 0
⇩
DVD SERV

[After EEPROM error]

[display]

EEP ERR
⇩
VOL 0
⇩
DVD SERV

[After ABNORMAL TEMP. DETECTION]

[display]

OVERTEMP
⇩
VOL 0
⇩
DVD SERV

[After OVERCURRENT DETECTION1]

[display]

OC ERR 1
⇩
VOL 0
⇩
DVD SERV

[After OVERCURRENT DETECTION2]

[display]

OC ERR 2
⇩
VOL 0
⇩
DVD SERV

∗ Either POWER OFF or AC OFF to get out from TEST MODE.
∗ When the TEST MODE is released, only the RAM which stores the error status will be initialized.
(RAM that can be set by the user will not initialized.)

3. Operation

- Basically, operation is the same as the NORMAL MODE.
  However, the following display will be indicated when function is changed to show that the TEST MODE is in operation.

[For DSP Model Only]

[Function]	[display]	
DVD/CD	DVD SERV	
USB	USB SERV	
TUNER	TX SERV	
LINE1	LN1 SERV	(Digital input for Japan and IBD model, SCART for Europe)
LINE(2)	LN2 SERV	(Analog input for Japan and IBD model, digital for Europe)
LINE(3)	LN3 SERV	(Europe only, analog input)

[For NON-DSP Model Only]

[Function]	[display]	
DVD/CD	DVD SERV	
USB	USB SERV	
TUNER	TX SERV	
LINE1	LN1 SERV	(Europe)
LINE(2)	LN2 SERV	(general Line function)

[Only for models without DSP]

- When function is switched to LINE 2 (LINE for areas beside Europe, Japan), SURROUND mode will switch to X-STEREO (5CH STEREO) just for the TEST MODE. (NORMAL MODE: 2CH STEREO)
  At this point, sound checking can't be done using HP.
  (HP operation cannot be guaranteed for X-STEREO (5CH STEREO))
  All functions, other than LINE2 (LINE for areas besides Europe) can be used for sound checking using HP.

[Models with DSP]

- Change the ADV mode to X-STEREO (5 ch STEREO) mode for multi CH output.

4. Errors

- BREAKDOWN CATEGORY: Depends on the error displayed during POWER ON.

PRTCT E

Protect circuit is operating.

1. Depending on the different power supply abnormalities, V+10, V+5, V+3R3 short-circuit occured or V+10, V+5, V+3R3 has exceeded the stipulated standardized values.

2. In the system microP (PDC175A, PDC176A) somewhere, the XPROTECT line has either shorted to ground or has been disconnected.

DVDPRTCT

Abnormal DVD.

1. Depending on the power supply abnormalities, V+6R8, V+5V, V+3 short-circuit occured or V+6R8, V+5V, V+3 has exceeded the stipulated standardized values.
2. In the system microP (PDC175A, PDC176A) somewhere, the VDET line has either short to ground or disconnected.

EEP ERR

1. Communication line to the EEPROM could either be disconnected or short.
2. The EEPROM IC itself could be faulty.

OC ERR 1

- If error display does not come on again when POWER ON in the NORMAL MODE, this could mean that the speaker terminal is short.
- If error display comes on, the following conditions are some possibilities:
  1. In the AMP Block, either one or more of the digital amp IC has broken down.
  2. Short-circuit occurred somewhere between the faulty IC(s) and speaker terminal.
  3. The XSD SHUTDOWN line has either short to ground or disconnected somewhere between the faulty digital amp IC and system microP (PDC175A, PDC176A).

OC ERR 2

- The error is mainly caused by the short circuit at the POWER SUPPLY Unit .
- The error will also occur when V+BSW is too low.

OVERTEMP

- No abnormality if "OVERTEMP" display does not come on when POWER ON in the NORMAL MODE again. (The TEMP could have just gone up temporarily. Try reducing the volume)
- When the "OVERTEMP" display comes on again, the following conditions are some possibilities:
  1. In the AMP Block, either one or more of the digital amp IC has broken down.
  2. The XOTW line has either short to ground or disconnected somewhere between the faulty digital amp IC(s) and system microP (PDC175A, PDC176A).

5. Total Power on Time Display

- If STOP key is pushed continuously for 8 sec during POWER ON, the total POWER ON time will come on after the system microp version display.

System microP version **PDC175A**

⇩ Approx. 3 seconds later

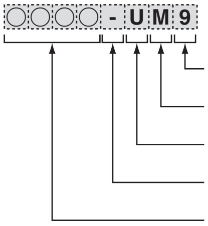
POWER ON TIME **10H30M**

6. DSP Error Display (for models with DSP only)

- During POWER ON, you can switch between DSP error display <=> Normal display when the SOUND key on the remote control is pressed.

6.7 DISPLAY SPECIFICATIONS OF DSP ERROR

[FL display] ○○○○-UM9



96k (This character is displayed while the source is 88.2 or 96 kHz PCM)
DSP **M**UTE (This character is displayed while DSPMUTE is active)
DIR **U**NLOCK (This character is displayed while DIR is UNLOCK)
Space
The name of an error is displayed by four characters.

[Example]

ERR.0	DIER-UM	Cannot receive data from the DIR --> Probably due to faulty DIR or bad connection
ERR.1	DSER-UM	Cannot receive data from the DSP --> Faulty communication between DIR and DSP --> Probably due to faulty DSP or connection on the circuit board
ERR.2	HREQ-UM	No HREQ return value --> Probably due to faulty DSP
ERR.3	DSNG-UM	DSP error message --> Faulty communication between the DIR and DSP --> Probably due to faulty DSP
ERR.4	DMUT- M	DECMUTE on all the time --> Faulty communication between the DIR and DSP --> Probably due to faulty DSP
NO ERR (the source is 88.2/96 kHz.)	DSOK- 9	96 kHz source play
NO ERR (the source is not 88.2/96 kHz.)	DSOK-	No abnormality

DSP error message mode

Press "SOUND" button in service test mode to show DSP error message displays.
Press "SOUND" again to select normal service test mode.
This means that the usual function of "SOUND" is not effective in the service test mode.

7. DISASSEMBLY

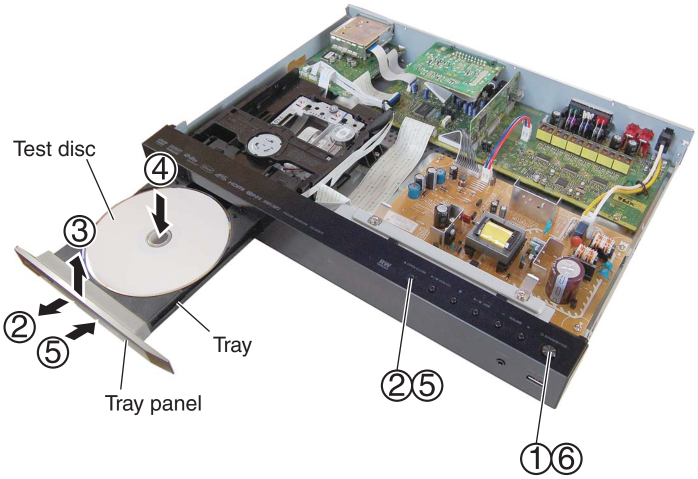
Note 1: Do NOT look directly into the pickup lens. The laser beam may cause eye injury.
Note 2: Even if the unit shown in the photos and illustrations in this manual may differ from your product, the procedures described here are common.

Disassembly

1 Bonnet, Tray Panel

❶ Remove the bonnet by removing the nine screws.

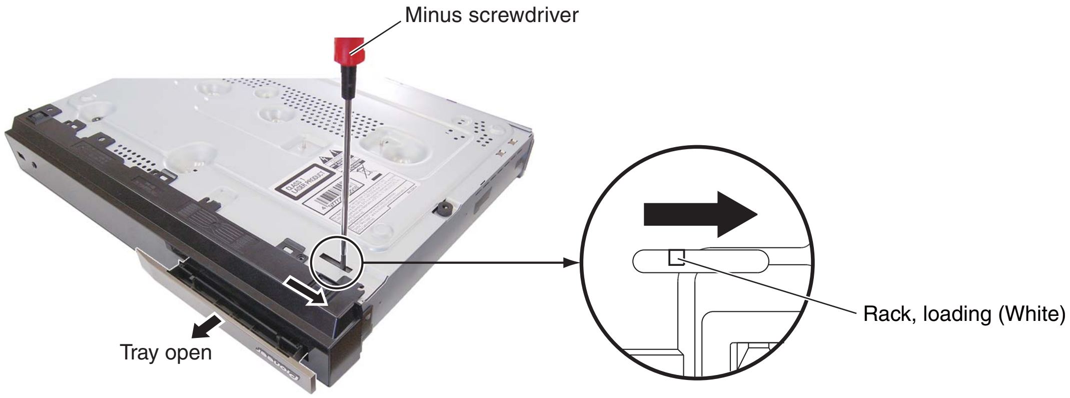
① Press the ⏻ STANDBY/ON button to turn on the power.
② Press the ⏏ OPEN/CLOSE button to open the tray.
③ Remove the tray panel.
④ Set the test disc.
⑤ Press the ⏏ OPEN/CLOSE button to close the tray. (Test disc is clamped.)
⑥ Press the ⏻ STANDBY/ON button to turn off the power.
⑦ Pull out the Power cord.



How to open the tray when the power cannot be on

1. Slide the rack, loading (White) toward the arrow direction by using a minus screwdriver to release the lock.
2. Manually open the tray.

NOTE:
Please strongly pushing rack, loading (White) to release the lock because the tray doesn't go out easily.

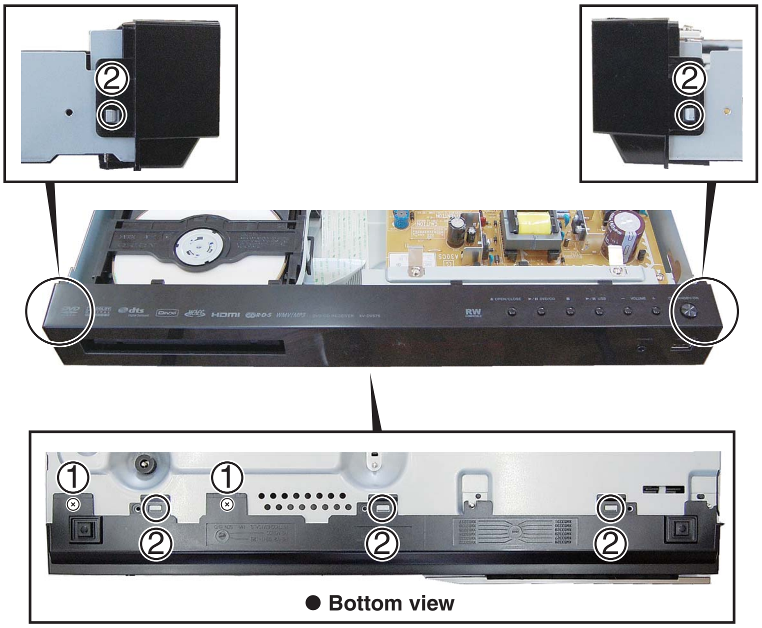


● **Bottom view**

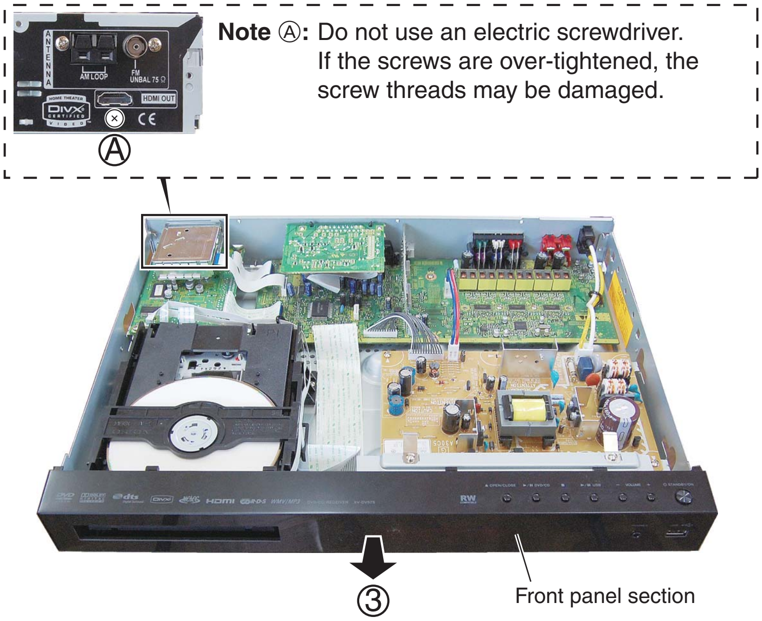
2 Front Panel Section

① Remove the two screws.

② Unhook the five hooks.


②
②
①
①
②
②
②
● Bottom view

③ Remove the front panel section.


ANTENNA
AM LOOP
FM UNBAL 75 Ω
HDMI OUT
DivX
Ⓐ
③
Front panel section

Note Ⓐ**:** Do not use an electric screwdriver.
If the screws are over-tightened, the
screw threads may be damaged.

3 DVD MECHA Assy

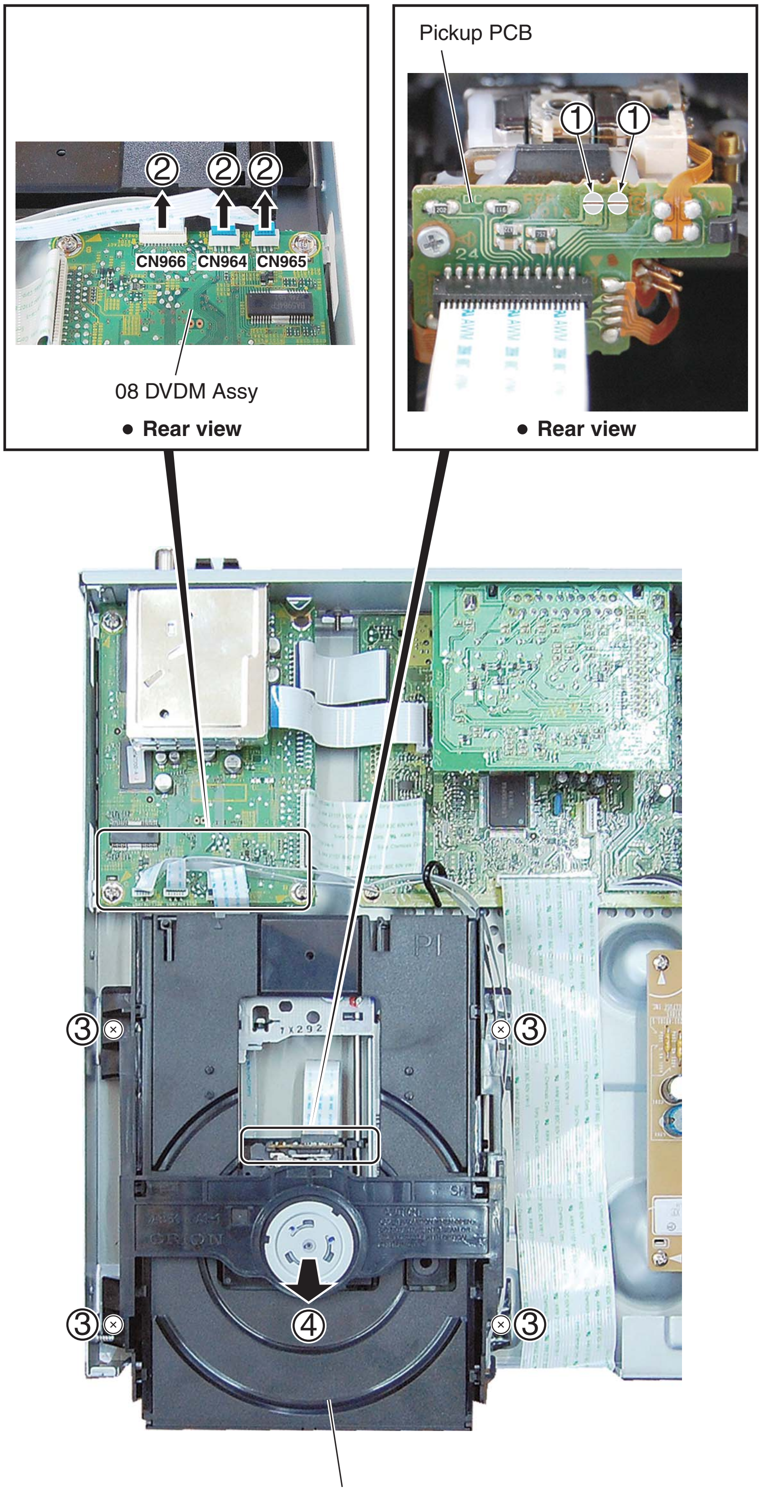
① Short-circuit two positions soldering.

Note: After replacement, connect the flexible cable, then remove the soldered joint (open).

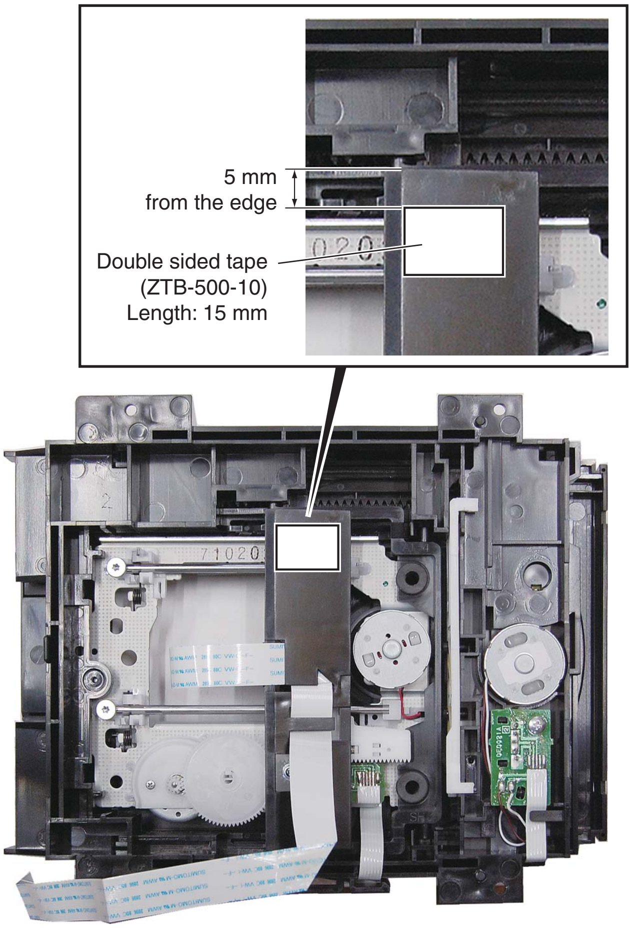
② Disconnect the three flexible cables.

③ Remove the four screws.

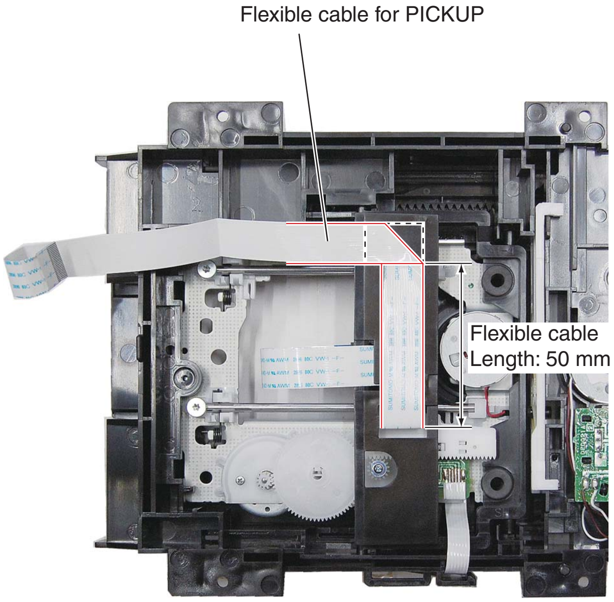
④ Remove the DVD MECHA Assy.


②
②
②
CN966
CN964
CN965
08 DVDM Assy
● Rear view
Pickup PCB
①
①
● Rear view
③
③
③
③
④
DVD MECHA Assy

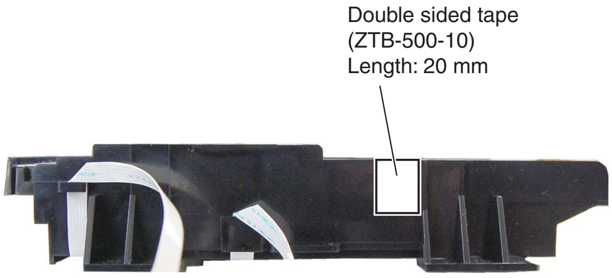
Arrangement of The Flexible Cables


5 mm
from the edge
Double sided tape
(ZTB-500-10)
Length: 15 mm

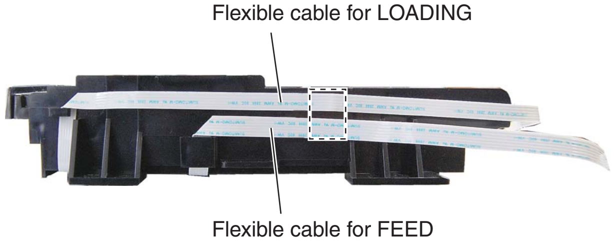
● **Bottom view**


Flexible cable for PICKUP
Flexible cable
Length: 50 mm

● **Bottom view**


Double sided tape
(ZTB-500-10)
Length: 20 mm

● **Right view**


Flexible cable for LOADING
Flexible cable for FEED

● **Right view**

Removal of DVD MECHA Assy Parts

NOTE

Disassemble only the DVD MECHA Assy parts listed here. Minute adjustments are needed if the disassembly is done. If the repair is needed except listed parts, replace the DVD MECHA Assy.

1: TRAY (Refer to Fig. 1-A)

1. Set the Tray opened. (Refer to the **DISC REMOVAL METHOD AT NO POWER SUPPLY**)
2. Unlock the 2 supports ① and draw it while sagging the Tray.

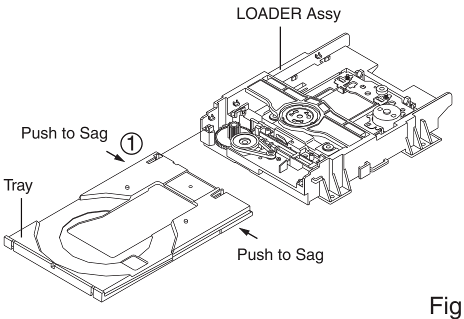

LOADER Assy
Push to Sag
①
Tray
Push to Sag

Fig. 1-A

NOTE

1. In case of the Tray installation, install them as the circled section of Fig. 1-B so that the each markers are met.

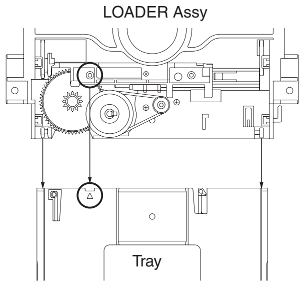
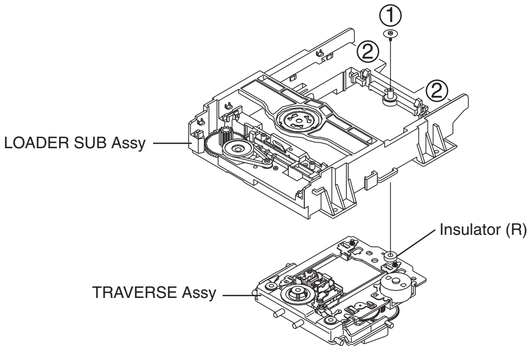

LOADER Assy
Tray

Fig. 1-B

2: TRAVERSE ASSY (Refer to Fig. 2-A)

1. Remove the screw ①.
2. Unlock the 2 supports ②.
3. Remove the Insulator (R) from the LOADER SUB Assy.
4. Remove the TRAVERSE Assy.


①
②
②
LOADER SUB Assy
Insulator (R)
TRAVERSE Assy

• Screw Torque: 2.0 ± 0.3 kgf•cm

Fig. 2-A

NOTE

1. In case of the TRAVERSE Assy, install it from (1) to (4) in order. **(Refer to Fig. 2-B)**
2. In case of the TRAVERSE Assy installation, hook the wire on the LOADER Assy as shown Fig. 2-C.

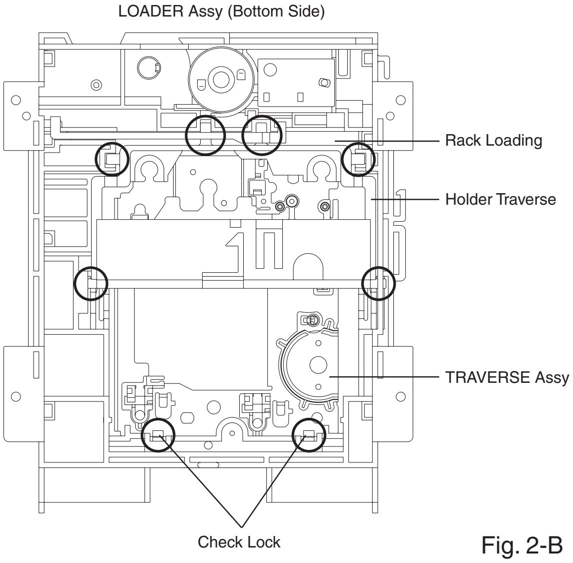

LOADER Assy (Bottom Side)
Rack Loading
Holder Traverse
TRAVERSE Assy
Check Lock

Fig. 2-B

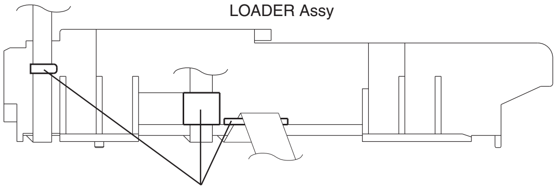
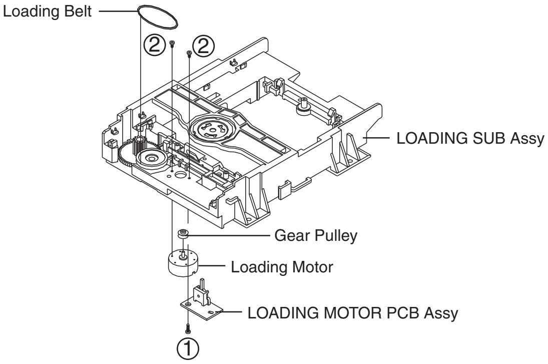

LOADER Assy
Check Hook

Fig. 2-C

3: LOADING MOTOR PCB Assy / LOADING BELT (Refer to Fig. 3-A)

1. Remove the Loading Belt.
2. Remove the screw ①.
3. Remove the LOADING MOTOR PCB Assy.
4. Remove the 2 screws ②.
5. Remove the Loading Motor.
6. Remove the Gear Pulley.


Loading Belt
②
②
LOADING SUB Assy
Gear Pulley
Loading Motor
LOADING MOTOR PCB Assy
①

• Screw Torque: 2.5 ± 0.3 kgf•cm (Screw ①)
• Screw Torque: 1.0 ± 0.3 kgf•cm (Screw ②)

Fig. 3-A

NOTE

1. In case of the Pulley Motor installation, check if the value of the Fig. 3-B is correct.
2. When installing the wire of the LOADING MOTOR PCB Assy, install it correctly as Fig. 3-C.
   Manual soldering conditions
   - Soldering temperature: 320 ± 20 °C
   - Soldering time: Within 3 seconds
   - Soldering combination: Sn - 3.0 Ag - 0.5 Cu
3. When installing the LOADING MOTOR PCB Assy, install itcorrectly as Fig. 3-D.
4. In case of the LOADING MOTOR PCB Assy installation, hook the wire on the LOADER SUB Assy as shown Fig. 3-E.

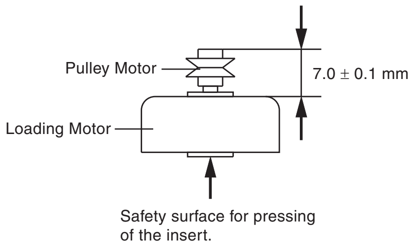

Pulley Motor
7.0 ± 0.1 mm
Loading Motor
Safety surface for pressing
of the insert.

Fig. 3-B

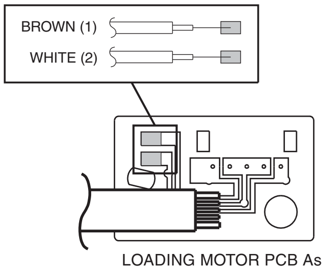

BROWN (1)
WHITE (2)
LOADING MOTOR PCB Assy

Fig. 3-C

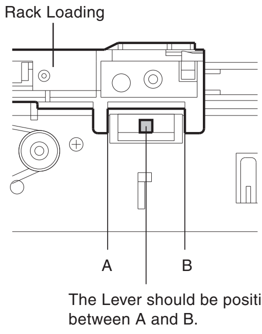

Rack Loading
A
B
The Lever should be position
between A and B.

Fig. 3-D

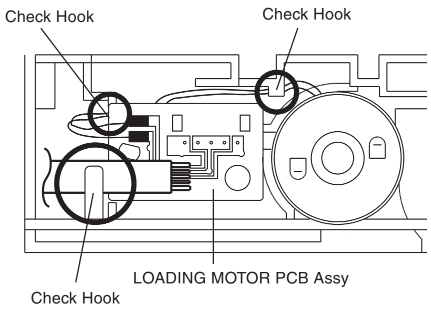

Check Hook
Check Hook
LOADING MOTOR PCB Assy
Check Hook

Fig. 3-E

4: RACK LOADING / MAIN GEAR / PULLEY GEAR (Refer to Fig. 4-A)

1. Unlock the support ② and remove the Gear Pulley.
2. Remove the Gear Main.
3. Press down the catcher ① and slide the Rack Loading.

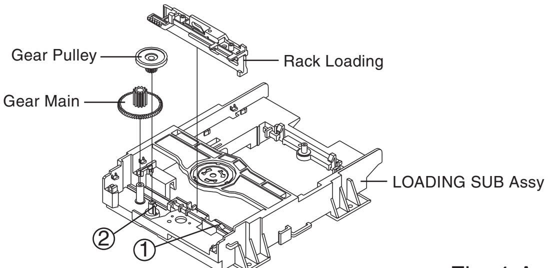

Gear Pulley
Rack Loading
Gear Main
LOADING SUB Assy
②
①

Fig. 4-A

NOTE

1. In case of the Rack Loading installation, hook the Rack Loading on the LOADER SUB Assy as shown Fig. 4-B.
2. When installing the Gear Main, take care the direction of up or down as shown Fig. 4-C.

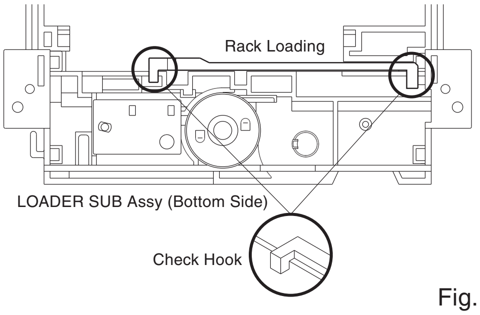

Rack Loading
LOADER SUB Assy (Bottom Side)
Check Hook

Fig. 4-B

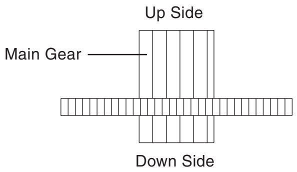

Up Side
Main Gear
Down Side

Fig. 4-C

5: CLAMPER ASSY (Refer to Fig. 5-A)

1. Press the Clamper and rotate the Plate Clamper clockwise, then unlock the 3 supports ①.
2. Remove the Plate Clamper, Magnet Clamper and Clamper.

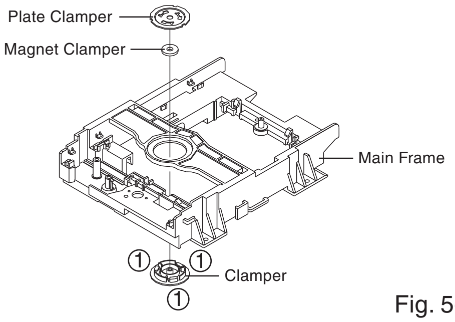


Plate Clamper
Magnet Clamper
Main Frame
①
①
Clamper
①

Fig. 5-A

NOTE

1. In case of the Clamper Assy installation, install correctly as Fig. 5-B.

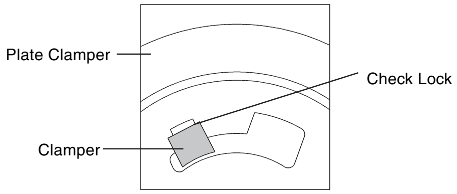


Plate Clamper
Check Lock
Clamper

Fig. 5-B

6: HOLDER TRAVERSE/INSULATOR (F)/INSULATOR (R) (Refer to Fig. 6-A)

1. Remove the Holder Traverse.
2. Remove the 2 Insulator (F).
3. Remove the Insulator (R).

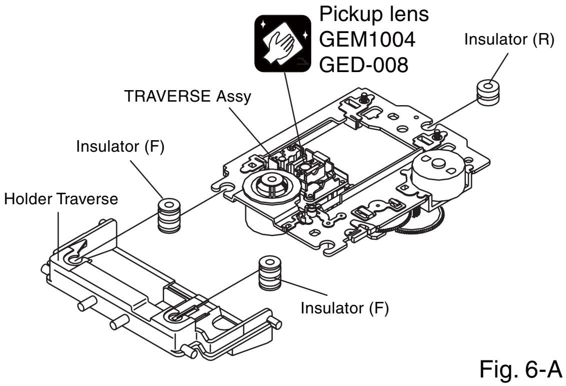

Pickup lens
GEM1004
GED-008
Insulator (R)
TRAVERSE Assy
Insulator (F)
Holder Traverse
Insulator (F)

Fig. 6-A

NOTE

1. In case of the Insulator (F) installation, install correctly as Fig. 6-B.

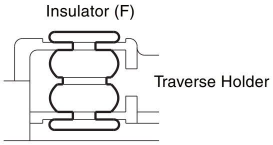
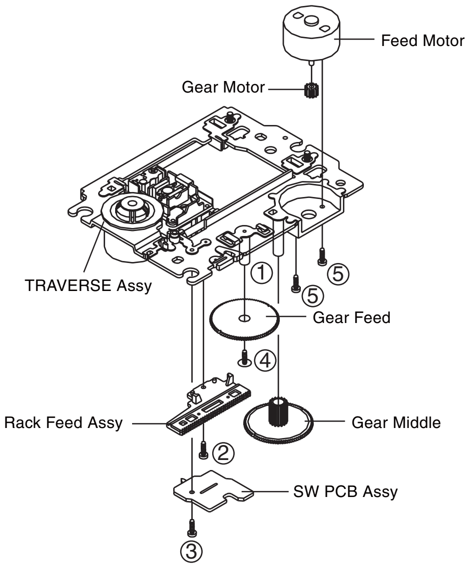

Insulator (F)
Traverse Holder

Fig. 6-B

7: SW PCB ASSY/GEAR MIDDLE/GEAR FEED/ RACK FEED ASSY/FEED MOTOR (Refer to Fig. 7-A)

1. Unlock the support ①.
2. Remove the Gear Middle.
3. Remove the screw ②.
4. Remove the Rack Feed Assy.
5. Remove the screw ③.
6. Remove the SW PCB Assy.
7. Remove the screw ④.
8. Remove the Gear Feed.
9. Remove the 2 screws ⑤.
10. Remove the Feed Motor.
11. Remove the Gear Motor.


Feed Motor
Gear Motor
TRAVERSE Assy
①
⑤
⑤
Gear Feed
④
Rack Feed Assy
Gear Middle
②
SW PCB Assy
③

- Screw Torque: 1.3 ± 0.3 kgf•cm (Screw ②)
- Screw Torque: 3.0 ± 0.3 kgf•cm (Screw ③)
- Screw Torque: 1.0 ± 0.3 kgf•cm (Screw ④, ⑤)

Fig. 7-A

NOTE

1. When installing the Rack Feed Assy, push both ends to align the teeth as shown Fig. 7-B. Then install it.
2. In case of the Gear Motor installation, check if the value of the Fig. 7-C is correct.
3. When installing the wire of the SW PCB Assy, install it correctly as Fig. 7-D.
   Manual soldering conditions
   - Soldering temperature: 320 ± 20 °C
   - Soldering time: Within 3 seconds
   - Soldering combination: Sn - 3.0 Ag - 0.5 Cu
4. After the assembly of the TRAVERSE Assy, hook the wire on the TRAVERSE Assy as shown Fig. 7-E.

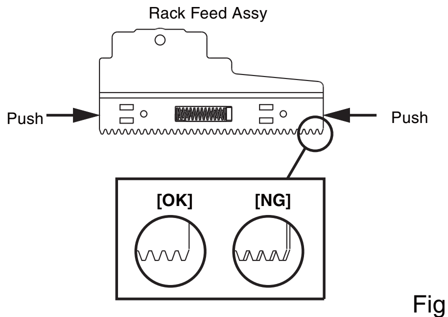
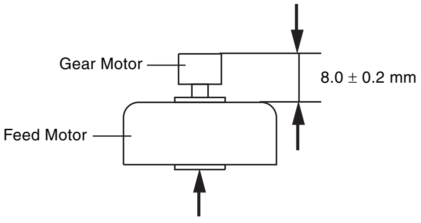

Rack Feed Assy
Push
Push
[OK]
[NG]

Fig. 7-B


Gear Motor
8.0 ± 0.2 mm
Feed Motor

Safety surface for pressing of the insert.

Fig. 7-C

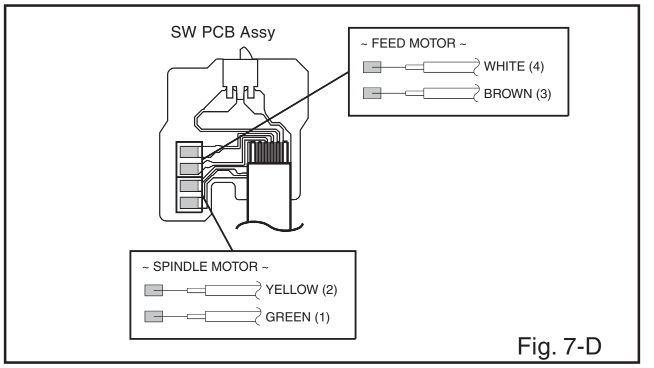
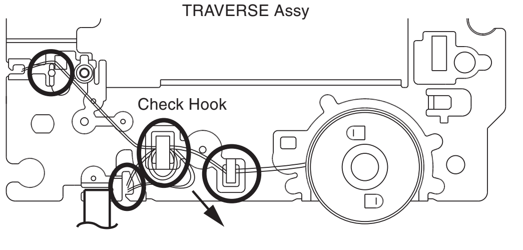

SW PCB Assy
~ FEED MOTOR ~
WHITE (4)
BROWN (3)
~ SPINDLE MOTOR ~
YELLOW (2)
GREEN (1)

Fig. 7-D


TRAVERSE Assy
Check Hook

• Loosen the wire in the direcion of the arrow.

Fig. 7-E

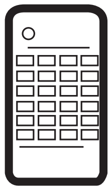
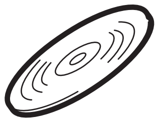
8. EACH SETTING AND ADJUSTMENT

8.1 ID NUMBER AND ID DATA SETTING

Caution:
For the DVD players compatible with DVD-RW, for playback of a DVD-RW disc (CPRM) and for the DVD players possessing HDMI output, for HDCP process, it is necessary that an individual ID number and ID data are set for each player. If the ID number and ID data be not properly set in the manner described below, future operations cannot be guaranteed. The ID number is written on the yellow label at the rear panel of the player.
If there is no yellow label, before downloading FLASH ROM, take note of the ID number set following the procedures outlined in "ID Number Confirmation Mode" on the next page.
Note: Enter ID numbers while the unit is in Stop mode so that the values set will be immediately written to the flash ROM.

Setting an ID number or ID data is required in the following case:
If "No NUM" or "NO DATA" is displayed on the FL display for a few seconds immediately after the power to the player is turned on or during Stop mode.

JIGS AND MEASURING INSTRUMENTS

 Service Remote Control Unit [GGF1381]	 DVD Data Disc [GGV1309]

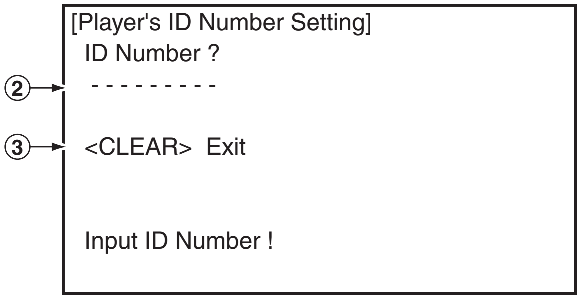
ID Number Input Mode

① To enter ID Number Input Mode, with no ID number set, such as in a case of immediately after upgrading the firmware, press the ESC key then the STEREO key.

Note: If a previous ID number and ID data, such as a factory-preset ID number and ID data, are maintained, the unit enters ID Number Confirmation Mode when the above keys are pressed. However, if only an ID number is maintained, the unit enters ID Data Input Mode.

② Enter a 9-digit ID number. The ID number is also displayed on the FL display.

③ By pressing the CLEAR key without having input a number, you can exit this mode. Each press of this key after a number has been input deletes one digit.

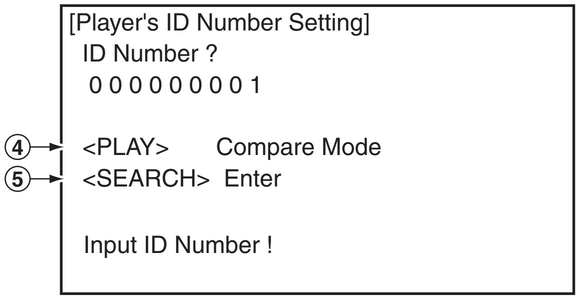


```
[Player's ID Number Setting]
  ID Number ?
   - - - - - - - - -

  <CLEAR>  Exit


  Input ID Number !
```

④ After entering all 9 digits, if you press the PLAY key, the unit enters Compare mode. Enter the same ID number again. Only if your two input numbers match, the ID number is set. Compare mode helps eliminate mistyping of the ID number.

Note: If you press the PLAY button before inputting a 9-digit ID number, the unit returns to Step ② without doing anything else.

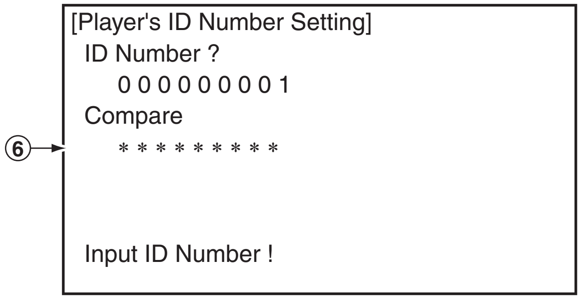
⑤ After entering all 9 digits, if you press the SEARCH key, the unit unconditionally sets the input number as the ID number. Then the unit automatically enters Player's Data Input Mode. (The SEARCH key is not accepted after all 9 digits have been entered.)



```
[Player's ID Number Setting]
  ID Number ?
   0 0 0 0 0 0 0 0 1

  <PLAY>       Compare Mode
  <SEARCH>  Enter

  Input ID Number !
```

⑥ This display appears when the PLAY key is pressed in Step ④. Enter a 9-digit number to compare. The number is also displayed on the FL display.

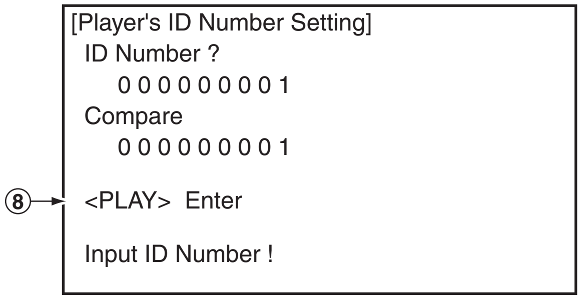
⑦ By pressing the CLEAR key without having input a number, the unit returns to Step ② without doing anything else. Each press of this key after a number has been input deletes one digit.



```
[Player's ID Number Setting]
  ID Number ?
     0 0 0 0 0 0 0 0 1
  Compare
     * * * * * * * * *



  Input ID Number !
```

⑧ After entering all 9 digits, if you press the PLAY key, the unit compares the numbers input in Steps ② and ⑥, and only if the numbers match, that number is set as the ID. Then the unit automatically enters ID DATA Input Mode. If the numbers do not match, the disc tray is opened, and the unit exits ID Number Input Mode.

Note: If you press the PLAY button before inputting a 9-digit ID number, the unit returns to Step ⑥ without doing anything else.



```
[Player's ID Number Setting]
  ID Number ?
     0 0 0 0 0 0 0 0 1
  Compare
     0 0 0 0 0 0 0 0 1

  <PLAY>  Enter

  Input ID Number !
```

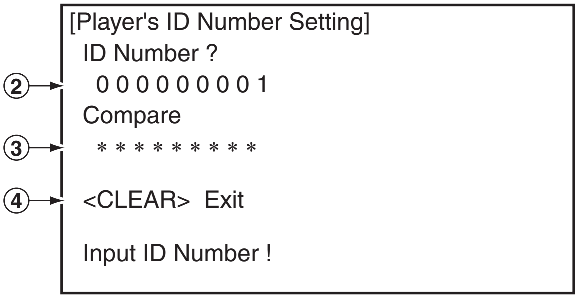
ID Number Confirmation Mode

① To enter ID Number Confirmation Mode after the ID number and the ID data are set, press the ESC key then the STEREO key.

② The ID number already set is displayed. (It is also displayed on the FL display.)

③ Enter a 9-digit number for comparison. This is not required when you only wish to check the ID number visually. (The number is also displayed on the FL display.)

④ By pressing the CLEAR key without having input a number, you can exit this mode. Each press of this key after a number has been input deletes one digit.

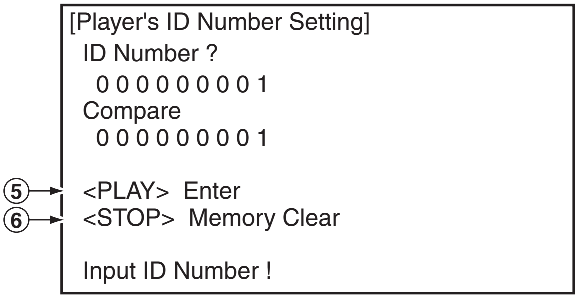


```
[Player's ID Number Setting]
  ID Number ?
    0 0 0 0 0 0 0 0 1
  Compare
    * * * * * * * * *

  <CLEAR>  Exit

  Input ID Number !
```

⑤ After entering all 9 digits, if you press the PLAY key, the unit compares the number entered in Step ② with the ID number set, and only if the numbers match, the unit automatically exits ID Number Confirmation Mode. If an ID data has not been entered, the unit enters ID DATA Input Mode. If the numbers do not match, the disc tray is opened, and the unit exits ID Number Confirmation Mode.

Note: If you press the PLAY button before inputting a 9-digit ID number, the unit returns to Step ④ without doing anything else.

⑥ After entering all 9 digits, if you press the STOP key, the unit compares the number entered in Step ③ with the ID number set, and only if the numbers match, the unit automatically deletes the ID number and exits this mode. If the numbers do not match, the disc tray is opened, and the unit exits this mode. (The STOP key is not accepted after all 9 digits have been entered.)



```
[Player's ID Number Setting]
  ID Number ?
    0 0 0 0 0 0 0 0 1
  Compare
    0 0 0 0 0 0 0 0 1

  <PLAY>  Enter
  <STOP>  Memory Clear

  Input ID Number !
```

• Indication of an ID number already set

An ID number already set is displayed in the following cases:

1) When the ESC key then the CLEAR key are pressed, user settings are cleared, then the ID number set is displayed on the screen. In this case, the ID number is not displayed on the FL display.
2) When the unit enters ID Number Confirmation Mode by your pressing the ESC key then the CLEAR key, the ID number set is displayed. In this case, the ID number is also displayed on the FL display.
   If you only need to confirm the ID number, you can exit this mode by pressing the CLEAR key or turning off the power.

• Indication when no ID number is set

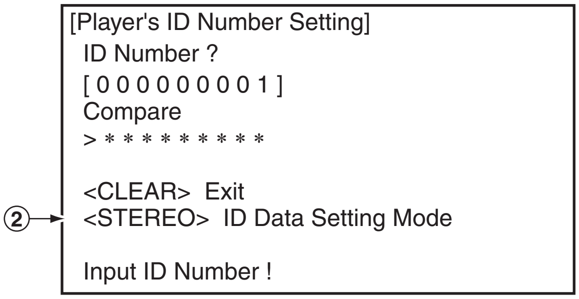
If no ID number is set, the message "No NUM" flashes on the screen and FL display for a few seconds after the power is turned on or during Stop mode.

ID DATA Input Mode

NOTE: Be sure to use a specified DVD (ID) DATA DISC.

① To enter ID DATA Input Mode, with the ID number set, press the ESC key then the STEREO key.

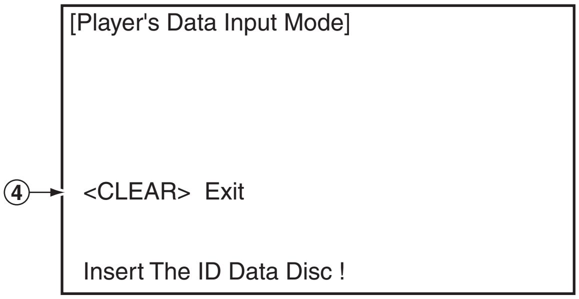
② When the STEREO key is pressed, the unit enters ID DATA Input Mode.



```
[Player's ID Number Setting]
  ID Number ?
  [ 0 0 0 0 0 0 0 0 1 ]
  Compare
  > * * * * * * * * *

  <CLEAR>  Exit
② → <STEREO>  ID Data Setting Mode

  Input ID Number !
```

③ If the DVD DATA DISC is loaded in this mode, the unit automatically starts reading the data.
(If the DVD DATA DISC has already been loaded, the unit does not start reading the data. In this case, open then close the tray.)

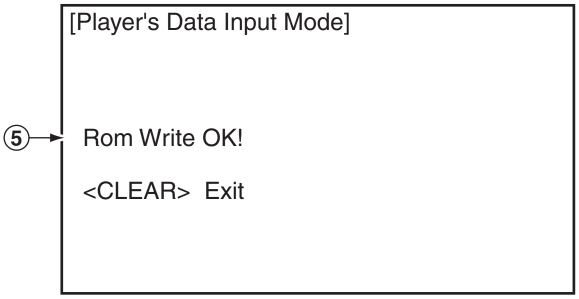
④ To exit this mode, press the CLEAR key. While data are being read from the DVD DATA DISC, you cannot exit this mode.



```
[Player's Data Input Mode]




④ → <CLEAR>  Exit


  Insert The ID Data Disc !
```

⑤ When writing of the data read from the disc to flash ROM is completed, "Rom Write OK!" is displayed. After seeing this message, you can exit this mode by pressing the CLEAR key.

Note: Whether or not the data have been written to flash ROM can be confirmed by watching for the message "Rom Write OK!" being displayed after the disc is read.



```
[Player's Data Input Mode]



⑤ → Rom Write OK!

  <CLEAR>  Exit
```

⑥ If the data cannot be read from the disc, the unit will be exited ID Data Input Mode and proceed to the display of "**Pioneer**" logo.

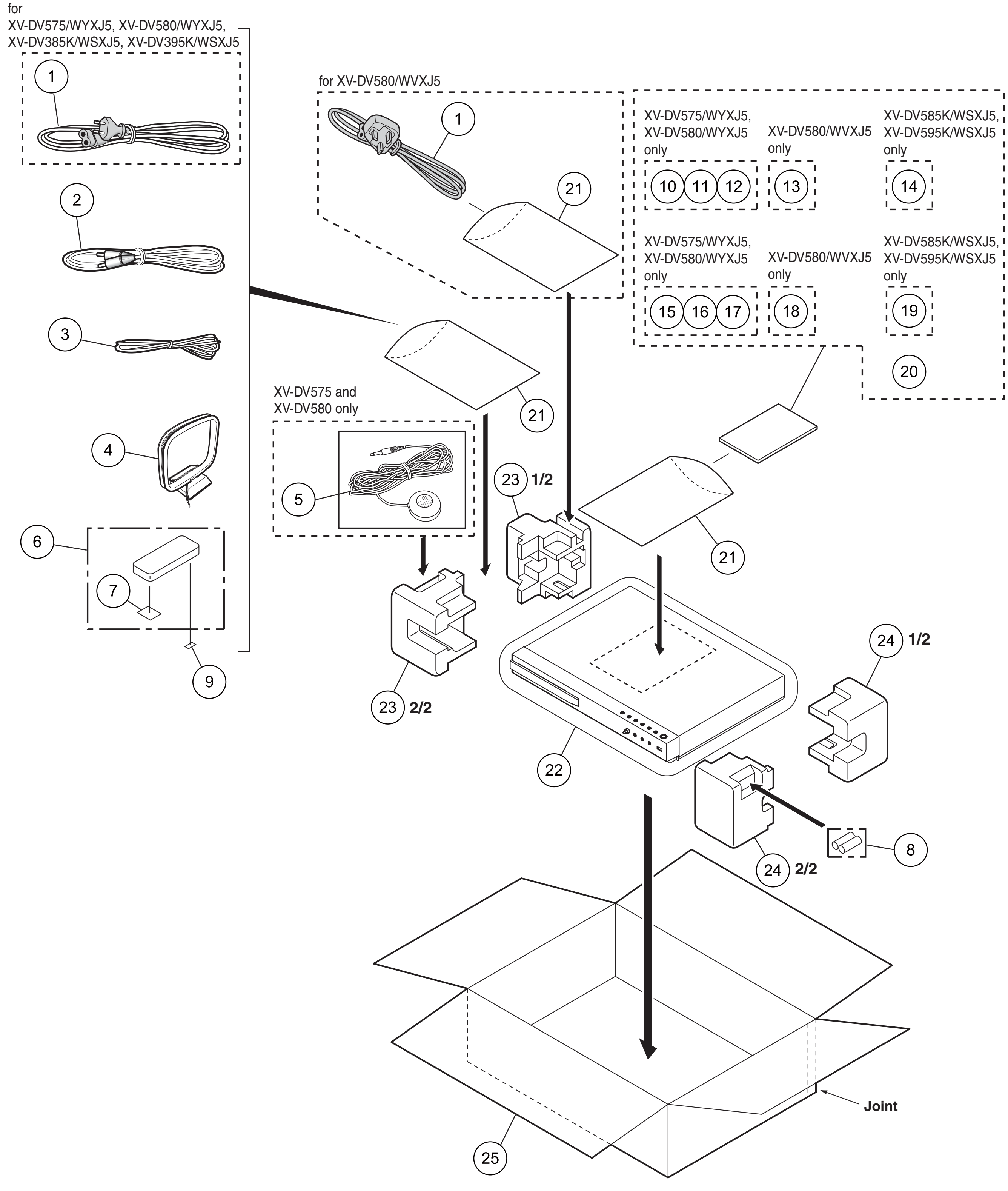
• Indication when the data have not been set

If no ID data are set after the ID number is changed, the message "NO DATA" flashes on the screen and FL display for a few seconds after the power is turned on or during Stop mode.

9. EXPLODED VIEWS AND PARTS LIST

NOTES:
- *Parts marked by "NSP" are generally unavailable because they are not in our Master Spare Parts List.*
- *The ⚠ mark found on some component parts indicates the importance of the safety factor of the part. Therefore, when replacing, be sure to use parts of identical designation.*
- *Screws adjacent to ▼ mark on product are used for disassembly.*
- *For the applying amount of lubricants or glue, follow the instructions in this manual. (In the case of no amount instructions, apply as you think it appropriate.)*

9.1 PACKING SECTION



for
XV-DV575/WYXJ5, XV-DV580/WYXJ5,
XV-DV385K/WSXJ5, XV-DV395K/WSXJ5
1
2
3
4
6
7
9
for XV-DV580/WVXJ5
1
21
21
XV-DV575 and
XV-DV580 only
5
23 1/2
23 2/2
XV-DV575/WYXJ5,
XV-DV580/WYXJ5
only
10 11 12
XV-DV580/WVXJ5
only
13
XV-DV585K/WSXJ5,
XV-DV595K/WSXJ5
only
14
XV-DV575/WYXJ5,
XV-DV580/WYXJ5
only
15 16 17
XV-DV580/WVXJ5
only
18
XV-DV585K/WSXJ5,
XV-DV595K/WSXJ5
only
19
20
21
22
24 1/2
24 2/2
8
25
Joint

(1) PACKING SECTION PARTS LIST

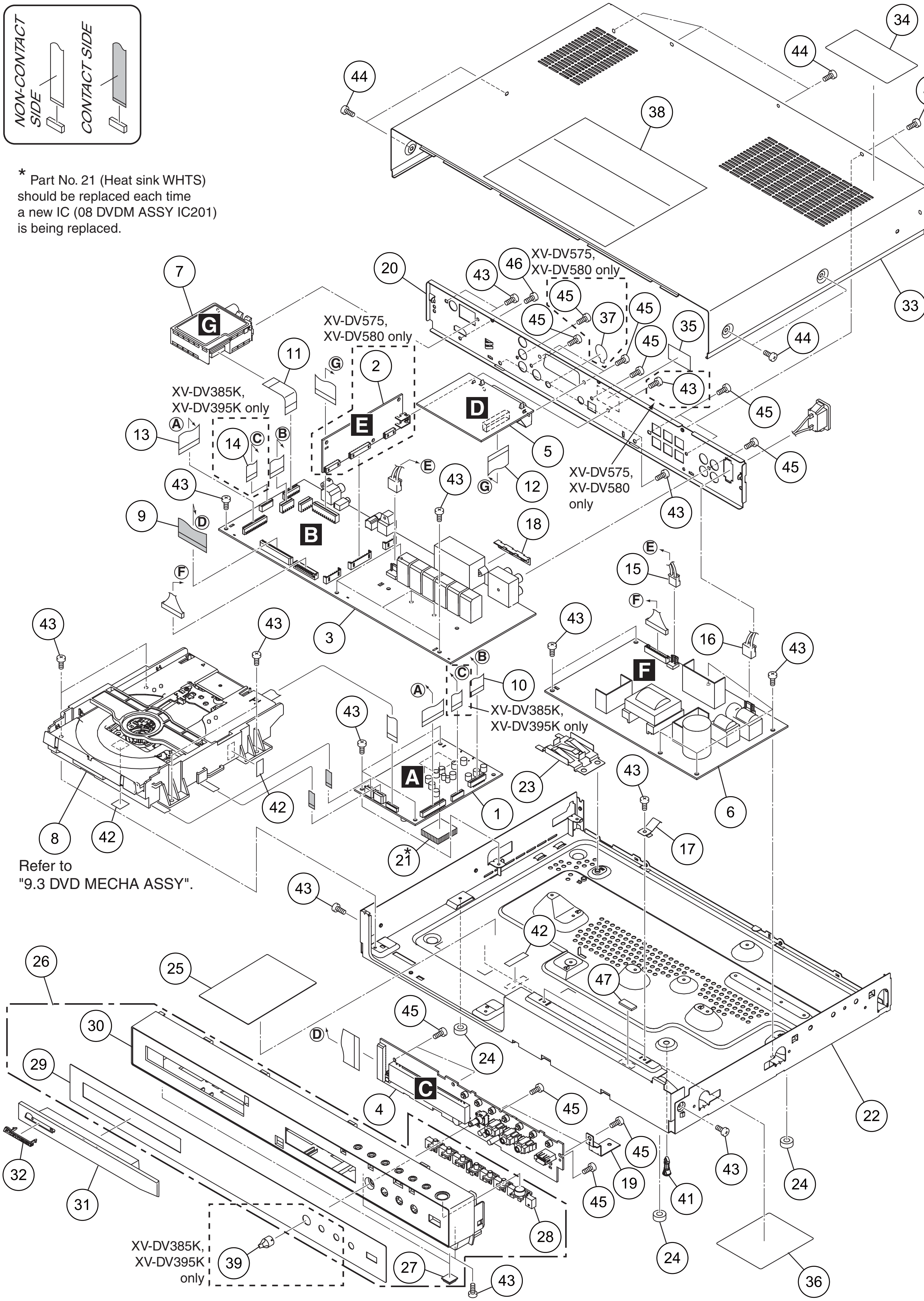
Mark	No.	Description	Part No.
⚠	1	Power Cord	See Contrast table (2)
	2	Video Cable	XDE3046
	3	FM Antenna	ADH7030
	4	AM Loop Antenna	ATB7013
	5	Microphone (for Audio MCACC setup)	See Contrast table (2)
	6	Remote Control	See Contrast table (2)
	7	Battery Cover	AZN8018
NSP	8	Dry Cell Battery (AA/R6)	XEX3002
	9	Label (WEEE)	ARW7322
	10	Operating Instructions (English, French)	See Contrast table (2)
	11	Operating Instructions (German, Italian)	See Contrast table (2)
	12	Operating Instructions (Dutch, Spanish)	See Contrast table (2)
	13	Operating Instructions (English)	See Contrast table (2)
	14	Operating Instructions (Russian)	See Contrast table (2)
	15	Setup Guide (English, French)	See Contrast table (2)
	16	Setup Guide (German, Italian)	See Contrast table (2)
	17	Setup Guide (Dutch, Spanish)	See Contrast table (2)
	18	Setup Guide (English)	See Contrast table (2)
	19	Setup Guide (Russian)	See Contrast table (2)
NSP	20	Warranty Card EU	ARY7111
NSP	21	Polyethylene Bag (0.06 x 230 x 340)	AHG7117
	22	Packing Sheet	AHG7053
	23	Pad L WHTS	XHA3177
	24	Pad R WHTS	XHA3178
	25	Packing Case	See Contrast table (2)

(2) CONTRAST TABLE

XV-DV575/WYXJ5, XV-DV580/WYXJ5, WVXJ5, XV-DV385K/WSXJ5 and XV-DV395K/WSXJ5 are constructed the same except for the following:

Mark	No.	Symbol and Description	XV-DV575 /WYXJ5	XV-DV580 /WYXJ5	XV-DV580 /WVXJ5	XV-DV385K /WSXJ5	XV-DV395K /WSXJ5
⚠	1	Power Cord	ADG1127	ADG1127	ADG7108	ADG1127	ADG1127
	5	Microphone (for Audio MCACC setup)	APM7008	APM7008	APM7008	Not used	Not used
	6	Remote Control	XXD3159	XXD3159	XXD3159	XXD3156	XXD3156
	10	Operating Instructions (English, French)	XRE3182	XRE3182	Not used	Not used	Not used
	11	Operating Instructions (German, Italian)	XRC3335	XRC3335	Not used	Not used	Not used
	12	Operating Instructions (Dutch, Spanish)	XRC3336	XRC3336	Not used	Not used	Not used
	13	Operating Instructions (English)	Not used	Not used	XRB3094	Not used	Not used
	14	Operating Instructions (Russian)	Not used	Not used	Not used	XRC3333	XRC3333
	15	Setup Guide (English, English)	XRE3181	XRE3178	Not used	Not used	Not used
	16	Setup Guide (German, Italian)	XRC3334	XRC3346	Not used	Not used	Not used
	17	Setup Guide (Dutch, Spanish)	XRC3344	XRC3349	Not used	Not used	Not used
	18	Setup Guide (English)	Not used	Not used	XRB3099	Not used	Not used
	19	Setup Guide (Russian)	Not used	Not used	Not used	XRC3343	XRC3345
	25	Packing Case	XHD3789	XHD3821	XHD3821	XHD3787	XHD3788

9.2 EXTERIOR SECTION


NON-CONTACT SIDE
CONTACT SIDE
34
44
44
44
38
33
44
7
G
20
43
46
XV-DV575,
XV-DV580 only
45
45
37
45
35
45
43
45
45
XV-DV575,
XV-DV580 only
11
2
G
E
D
XV-DV385K,
XV-DV395K only
A
13
14
C
B
5
E
43
G
12
XV-DV575,
XV-DV580
only
43
43
9
D
B
18
E
15
F
F
3
43
43
43
16
43
F
B
C
10
A
XV-DV385K,
XV-DV395K only
43
23
43
A
42
1
6
17
8
42
21*
43
42
47
26
25
45
24
D
30
29
4
C
45
22
45
19
43
24
32
41
31
28
24
XV-DV385K,
XV-DV395K
only
39
27
43
36

* Part No. 21 (Heat sink WHTS) should be replaced each time a new IC (08 DVDM ASSY IC201) is being replaced.

Refer to "9.3 DVD MECHA ASSY".

(1) EXTERIOR SECTION PARTS LIST

Mark	No.	Description	Part No.
	1	08 DVDM Assy	See Contrast table (2)
	2	DSP Assy	See Contrast table (2)
	3	SYSMAIN Assy	See Contrast table (2)
	4	COMPLEX Assy	See Contrast table (2)
	5	EUROSCART Assy	AWU8291
⚠	6	POWER SUPPLY Unit	XWR3018
	7	FM/AM TUNER Unit	AXX7248
	8	DVD MECHA Assy	A2ZX01A650
	9	FFC/60V (J1904)	See Contrast table (2)
	10	17P FFC/60V (J1905)	XDD3263
	11	11P FFC/60V (J1908)	XDD3266
	12	23P FFC/60V (J1909)	XDD3267
	13	27P FFC/60V (J1907)	XDD3290
	14	13P FFC/60V (J1906)	See Contrast table (2)
	15	Cable Assy (J1901)	XDX3067
⚠	16	Cable Assy (J1903)	XDX3068
	17	Earth Spring W5.1	ABH7240
	18	GND Plate W5.1	ABH7241
	19	Ground Plate WHTS	XBH3018
	20	Rear Panel WHTS	See Contrast table (2)
	21	Heatsink WHTS	XNH3049
NSP	22	Chassis WHTS	XNA3061
	23	Radiation Plate	XNG3183
NSP	24	Spacer	AEB7092
NSP	25	Guide Sheet	XAK3603
	26	F/P Assy WHTS	See Contrast table (2)
	27	Rubber Foot	VEB1325
	28	Button WHTS	XAD3264
NSP	29	Display Window WHTS	See Contrast table (2)
NSP	30	Front Panel WHTS	See Contrast table (2)
	31	Tray Panel WHTS	See Contrast table (2)
	32	Pioneer Name Plate	XAM3009
	33	Bonnet WHTS	XZN3201
	34	Laser Caution	VRW2257
NSP	35	ID Label Assy	VXW1012
NSP	36	Name Label WHTS	See Contrast table (2)
	37	Control Label	See Contrast table (2)
NSP	38	POP Getter WHTS	See Contrast table (2)
	39	MIC Knob	See Contrast table (2)
	40	• • • • •	
	41	Locking Card Spacer	AEC7372
NSP	42	Double Sided Tape	• • • • •
	43	Screw	BBZ30P080FNI
	44	Screw	BBZ30P080FTB
	45	Screw	BPZ30P080FNI
	46	Screw	BSZ30P060FTC
NSP	47	Spacer	XEB3115

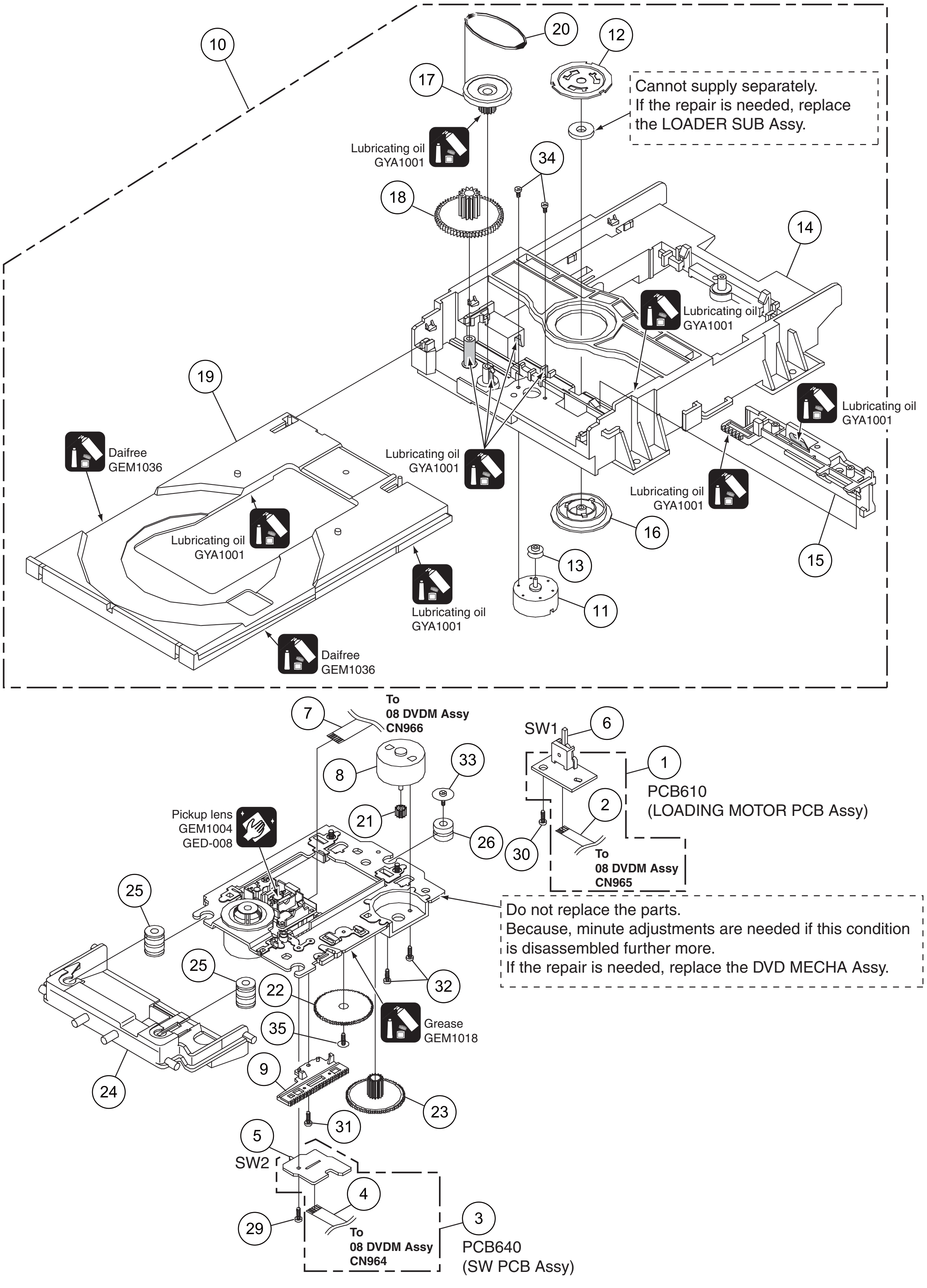
(2) CONTRAST TABLE

XV-DV575/WYXJ5, XV-DV580/WYXJ5, WVXJ5, XV-DV385K/WSXJ5 and XV-DV395K/WSXJ5 are constructed the same except for the following:

Mark	No.	Symbol and Description	XV-DV575 /WYXJ5	XV-DV580 /WYXJ5	XV-DV580 /WVXJ5	XV-DV385K /WSXJ5	XV-DV395K /WSXJ5
	1	08 DVDM Assy	AWM8118	AWM8118	AWM8118	AWM8105	AWM8105
	2	DSP Assy	AWX8706	AWX8706	AWX8706	Not used	Not used
	3	SYSMAIN Assy	XWM3392	XWM3395	XWM3395	XWM3391	XWM3394
	4	COMPLEX Assy	XWM3429	XWM3429	XWM3429	XWM3428	XWM3428
	9	27P FFC/60V (J1904)	XDD3261	XDD3261	XDD3261	Not used	Not used
	9	29P FFC/60V (J1904)	Not used	Not used	Not used	XDD3260	XDD3260
	14	13P FFC/60V (J1906)	Not used	Not used	Not used	XDD3264	XDD3264
	20	Rear Panel WHTS	XNC3572	XNC3574	XNC3574	XNC3564	XNC3571
	26	F/P Assy WHTS	XXG3370	XXG3371	XXG3371	XXG3368	XXG3369
NSP	29	Display Window WHTS	XAK3602	XAK3602	XAK3602	XAK3600	XAK3600
NSP	30	Front Panel WHTS	XMB3328	XMB3329	XMB3329	XMB3326	XMB3327
	31	Tray Panel WHTS	XAK3604	XAK3604	XAK3604	XAK3601	XAK3601
NSP	36	Name Label WHTS	XAL3296	XAL3297	XAL3297	XAL3294	XAL3295
	37	Control Label	XAX3620	XAX3620	XAX3620	Not used	Not used
NSP	38	POP Getter WHTS	XAX3677	XAX3700	XAX3700	XAX3676	XAX3686
	39	MIC Knob	Not used	Not used	Not used	XAA3029	XAA3029

9.3 DVD MECHA ASSY

Note :
Check if the correct grease is applied for each position.



Cannot supply separately.
If the repair is needed, replace the LOADER SUB Assy.

Do not replace the parts.
Because, minute adjustments are needed if this condition is disassembled further more.
If the repair is needed, replace the DVD MECHA Assy.

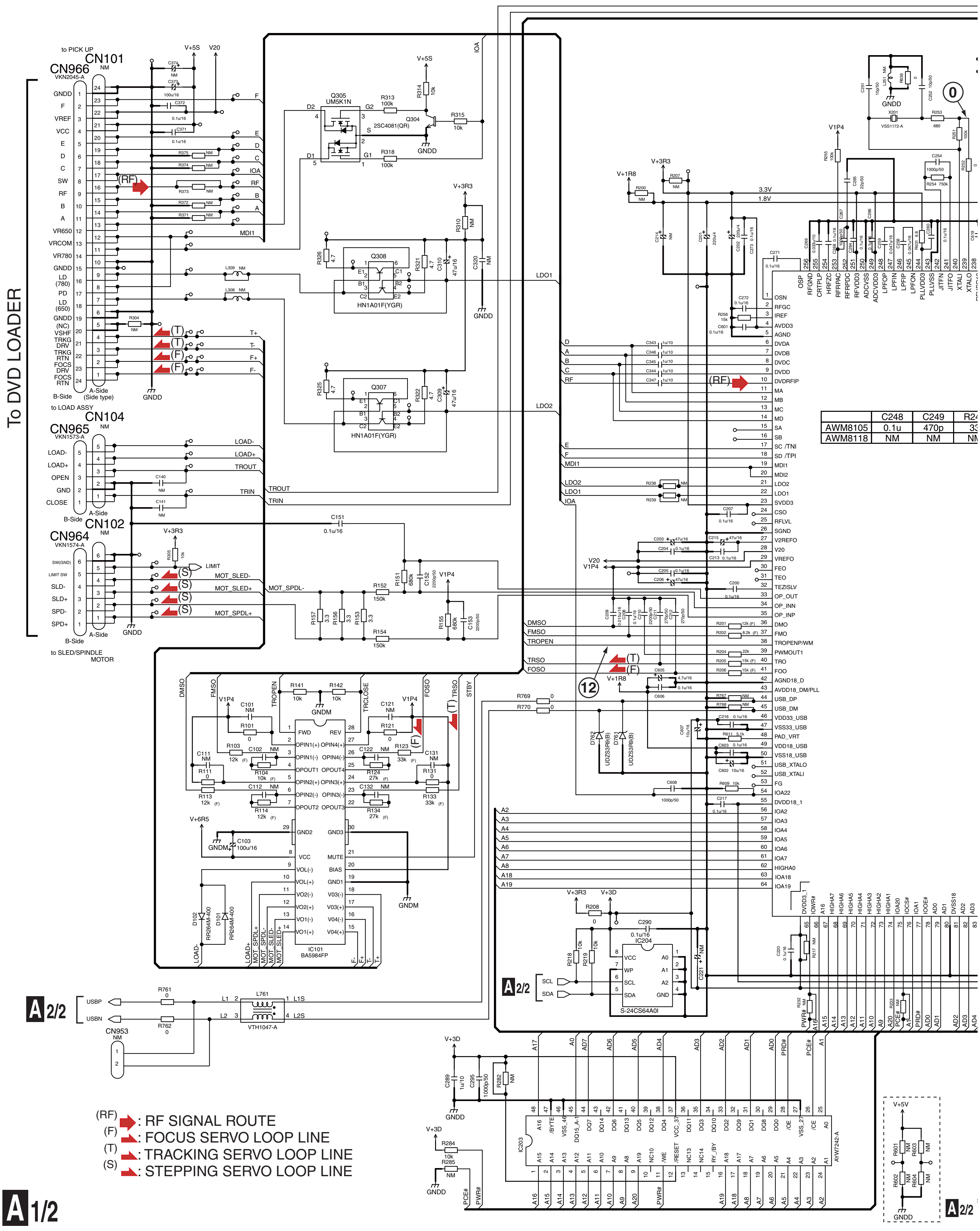
10
20
12
17
Lubricating oil GYA1001
34
18
14
Lubricating oil GYA1001
19
Lubricating oil GYA1001
Daifree GEM1036
Lubricating oil GYA1001
Lubricating oil GYA1001
Lubricating oil GYA1001
16
15
13
Lubricating oil GYA1001
11
Daifree GEM1036
7
To 08 DVDM Assy CN966
SW1
6
33
8
1
PCB610 (LOADING MOTOR PCB Assy)
2
Pickup lens GEM1004 GED-008
21
26
30
To 08 DVDM Assy CN965
25
25
32
22
35
Grease GEM1018
9
24
23
5
31
SW2
4
3
29
To 08 DVDM Assy CN964
PCB640 (SW PCB Assy)

DVD MECHA ASSY PARTS LIST

Mark	No.	Description	Part No.
	1	LOADING MOTOR PCB Assy	A2ZX01A610
	2	Cord Jumper (5P)	12C1053601
	3	SW PCB Assy	A2ZX01A640
	4	Cord Jumper (6P)	12C1063201
	5	Switch (SW2)	0500101036
	6	Switch (SW1)	0515S32003
	7	Cord Jumper (24P)	122F003101
	8	FEED Motor	1515T98006
	9	Feed Rack Assy	92AAA0017A
	10	LOADER SUB Assy	92AAA0024A
	11	LOADING Motor	1515S98004
	12	Plate, Clamper	92P000023A
	13	Pulley, Motor	92P100097A
	14	Frame, Main	92P100119A
	15	Rack, Loading	92P100121A
	16	Clamper	92P100122A
	17	Gear, Pulley	92P100123A
	18	Gear, Main	92P100124A
	19	Tray	92P100151A
	20	Belt, Loading	92P200015A
	21	Gear, Motor	92P100088A
	22	Gear, Feed	92P100116A
	23	Gear, Middle	92P100117A
	24	Holder, Traverse	92P100125A
	25	Insulator (F)	92P200013A
	26	Insulator (R)	92P200016A
	27	• • • • •	
	28	• • • • •	
	29	Screw, Bind (2 x 8)	811022080U
	30	Screw, Tap tite (P)(2.6 x 8)	811022680U
	31	Screw, T-tite (B)(M1.7 x 5.0 P3)	813381750U
	32	Screw, Pan (M1.7 x 2.3 P3)	814011723U
	33	Screw, Tap tite (P)(2 x 8)	816112080U
	34	Screw, Pan (M1.7 x 3 P3)	814011730U
	35	Screw, Gear Feed	92P700007A

10. SCHEMATIC DIAGRAM

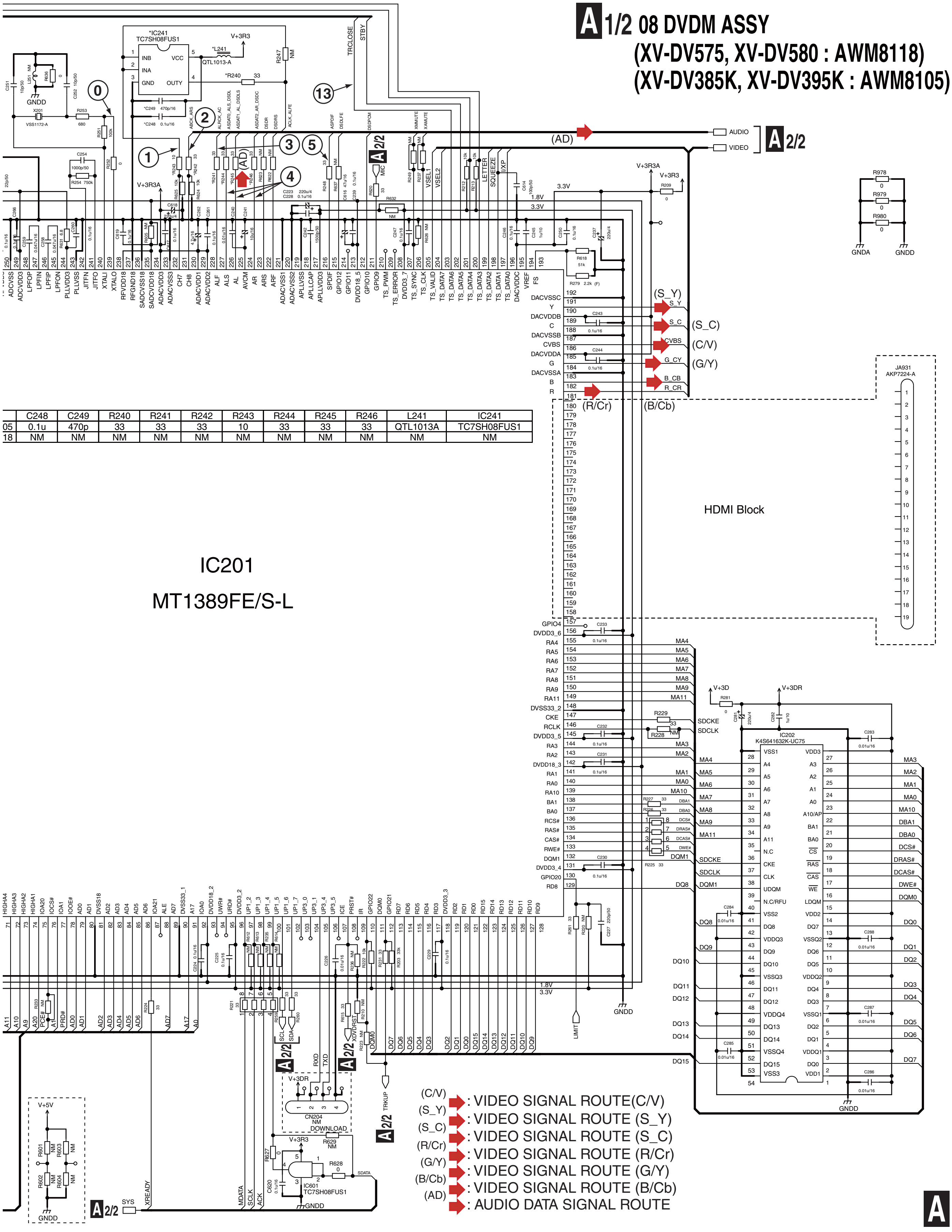
10.1 08 DVDM ASSY (1/2)


A
B
C
D
E
F
To DVD LOADER
to PICK UP
CN101 NM
CN966 VKN2045-A
GNDD
F
VREF
VCC
E
D
C
SW
RF
B
A
VR650
VRCOM
VR780
GNDD
LD (780)
PD
LD (650)
GNDD
(NC)
VSHF
TRKG DRV
TRKG RTN
FOCS DRV
FOCS RTN
B-Side
A-Side (Side type)
GNDD
V+5S
V20
C374 NM
C373 100u/16
C372 0.1u/16
C371 0.1u/16
R375 NM
R374 NM
R373 NM
R372 NM
R371 NM
R304 NM
L309 NM
L308 NM
(RF)
(T)
(F)
T+
T-
F+
F-
IOA
MDI1
to LOAD ASSY
CN104 NM
CN965 VKN1573-A
LOAD-
LOAD+
OPEN
GND
CLOSE
C140 NM
C141 NM
TROUT
TRIN
CN102 NM
CN964 VKN1574-A
SW(GND)
LIMIT SW
SLD-
SLD+
SPD-
SPD+
to SLED/SPINDLE MOTOR
V+3R3
R305 10k
LIMIT
(S)
MOT_SLED-
MOT_SLED+
MOT_SPDL-
MOT_SPDL+
C151 0.1u/16
R151 680k
C152 2200p/50
V1P4
R152 150k
R157 3.3
R156 3.3
R153 3.3
R154 150k
R155 680k
C153 2200p/50
Q305 UM5K1N
D2
D1
G2
G1
S
R313 100k
R318 100k
Q304 2SC4081(QR)
V+5S
R314 10k
R315 10k
GNDD
Q308
R326 4.7
R321 4.7
C310 47u/16
R310 NM
C320 NM
HN1A01F(YGR)
Q307
R325 4.7
R322 4.7
C309 47u/16
HN1A01F(YGR)
LDO1
LDO2
GNDD
DMSO
FMSO
TROPEN
R141 10k
R142 10k
TRCLOSE
FOSO
TRSO
STBY
GNDM
V1P4
C101 NM
R101 0
R103 12k
C102 NM
R104 10k
C111 NM
R111 0
R113 12k
C112 NM
R114 12k
C121 NM
R121 0
C122 NM
R123 33k
C131 NM
R131 0
R124 27k
C132 NM
R133 33k
R134 27k
FWD
REV
OPIN1(+)
OPIN4(+)
OPIN1(-)
OPIN4(-)
OPOUT1
OPOUT4
OPIN2(+)
OPIN3(+)
OPIN2(-)
OPIN3(-)
OPOUT2
OPOUT3
GND2
GND3
VCC
MUTE
VOL(-)
BIAS
VOL(+)
GND1
VO2(-)
VO3(-)
VO2(+)
VO3(+)
VO1(-)
VO4(-)
VO1(+)
VO4(+)
IC101 BA5984FP
V+6R5
GNDM
C103 100u/16
D102 RR264M-400
D101 RR264M-400
LOAD-
LOAD+
MOT_SPDL+
MOT_SPDL-
MOT_SLED-
MOT_SLED+
F-
F+
T+
T-
GNDM
A 2/2
USBP
USBN
R761 0
R762 0
L761 VTH1047-A
L1
L2
L1S
L2S
CN953 NM
V+1R8
V+3R3
R200 NM
R207 NM
3.3V
1.8V
C214 NM
C201 220u/4
C202 220u/4
C273 0.1u/16
C271 0.1u/16
C272 0.1u/16
R256 15k
C601 0.1u/16
C343 1u/10
C346 1u/10
C345 1u/10
C344 1u/10
C347 1u/10
(RF)
OSN
RFGC
IREF
AVDD3
AGND
DVDA
DVDB
DVDC
DVDD
DVDRFIP
MA
MB
MC
MD
SA
SB
SC /TNI
SD /TPI
MDI1
MDI2
LDO2
LDO1
SVDD3
CSO
RFLVL
SGND
V2REFO
V20
VREFO
FEO
TEO
TEZISLV
OP_OUT
OP_INN
OP_INP
DMO
FMO
TROPENPWM
PWMOUT1
TRO
FOO
AGND18_D
AVDD18_DM/PLL
USB_DP
USB_DM
VDD33_USB
VSS33_USB
PAD_VRT
VDD18_USB
VSS18_USB
USB_XTALO
USB_XTALI
FG
IOA22
DVDD18_1
IOA2
IOA3
IOA4
IOA5
IOA6
IOA7
HIGHA0
IOA18
IOA19
R238 NM
R239 NM
C207 0.1u/16
C203 47u/16
C204 0.1u/16
C215 47u/16
C213 0.1u/16
C205 0.1u/16
C206 47u/16
C200 0.1u/16
V20
V1P4
R201 12k (F)
R202 8.2k (F)
R204 22k
R205 15k (F)
R206 15k (F)
(T)
(F)
C605 4.7u/16
C606 0.1u/16
⑫
V+1R8
R769 0
R770 0
R767 NM
R768 NM
C216 0.1u/16
R611 5.1k
C603 0.1u/16
C602 10u/16
R609 10k
C608 1000p/50
C217 0.1u/16
C607 10u/16
D762 UDZS3R9(B)
D761 UDZS3R9(B)
A2
A3
A4
A5
A6
A7
A8
A18
A19
OSP
RFGND
CRTPLP
HRFZC
RFRPAC
RFRPDC
RFVDD3
ADCVSS
ADCVDD3
LPFOP
LPFIN
LPFIP
LPFON
PLLVDD3
PLLVSS
JITFO
XTALI
XTALO
C251 10p/50
L251 NM
R36 0
C252 10p/50
GNDD
X201 VSS1172-A
R253 680
R251 100k
⓪
V1P4
R255 100k
C285 22p/50
C254 1000p/50
R254 750k
R252 0
C248 0.1u
C249 470p
R24
AWM8105 0.1u 470p 33
AWM8118 NM NM NM
DVDD3_1
IOWR#
A16
HIGHA7
HIGHA6
HIGHA5
HIGHA4
HIGHA3
HIGHA2
HIGHA1
IOA20
IOCS#
IOA1
IOOE#
AD0
AD1
DVSS18
AD2
AD3
C220 0.1u/16
R217 NM
R232 NM
R233 NM
PWR#
A16
A15
A14
A13
A12
A11
A10
A9
A20
PCE#
A1
PRD#
AD0
AD1
AD2
AD3
AD4
V+3R3
V+3D
R208 0
C290 0.1u/16
IC204
R218 10k
R219 10k
VCC
WP
SCL
SDA
A0
A1
A2
GND
S-24CS64A0I
C221 NM
A 2/2
SCL
SDA
V+3D
C289 1u/10
C295 1000p/50
R282 NM
GNDD
A17
A0
AD7
AD6
AD5
AD4
AD3
AD2
AD1
AD0
PRD#
PCE#
A1
IC203
AYW7242-A
A16
/BYTE
VSS_46
DQ15_A-1
DQ7
DQ14
DQ6
DQ13
DQ5
DQ12
DQ4
VCC_37
DQ11
DQ3
DQ10
DQ2
DQ9
DQ1
DQ8
DQ0
/OE
VSS_27
/CE
A0
A15
A14
A13
A12
A11
A10
A9
A8
A19
NC10
/WE
/RESET
NC13
NC14
RY_/BY
A18
A17
A7
A6
A5
A4
A3
A2
A1
V+3D
R284 10k
R285 NM
GNDD
PCE#
PWR#
A16
A15
A14
A13
A12
A11
A10
A9
A20
PWR#
A19
A18
A8
A7
A6
A5
A4
A3
A2
V+5V
R601 NM
R603 NM
R602 NM
R604 NM
GNDD
A 2/2

(RF) : RF SIGNAL ROUTE
(F) : FOCUS SERVO LOOP LINE
(T) : TRACKING SERVO LOOP LINE
(S) : STEPPING SERVO LOOP LINE

A 1/2

A 1/2 08 DVDM ASSY
(XV-DV575, XV-DV580 : AWM8118)
(XV-DV385K, XV-DV395K : AWM8105)

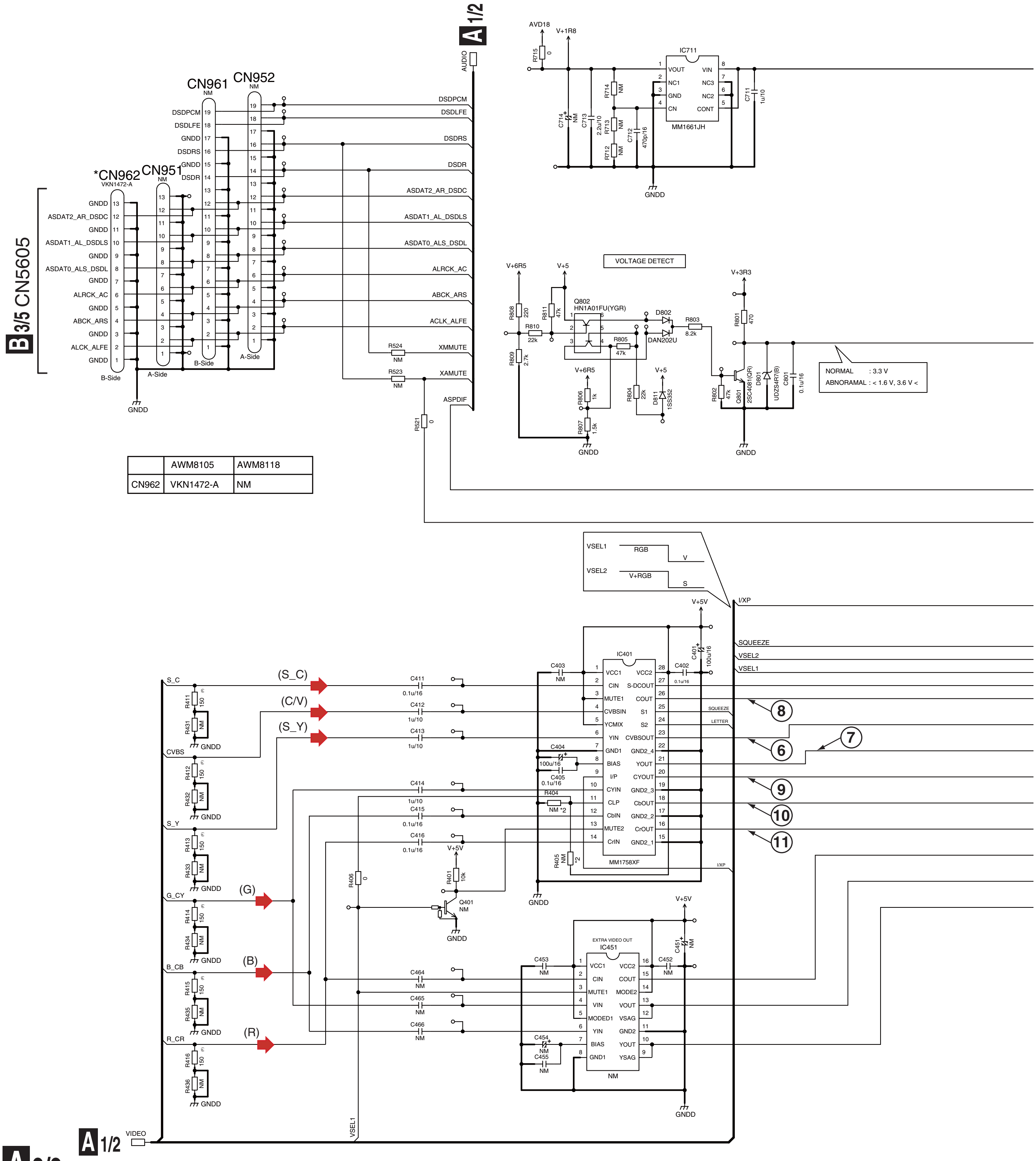

IC201
MT1389FE/S-L
HDMI Block
*IC241 TC7SH08FUS1
*L241 QTL1013-A
V+3R3
V+3R3A
V+3D
V+3DR
V+5V
GNDD
GNDA
TRCLOSE
STBY
AUDIO
VIDEO
A 2/2
(AD)
(S_Y)
(S_C)
(C/V)
(G/Y)
(R/Cr)
(B/Cb)
S_Y
S_C
CVBS
G_CY
B_CB
R_CR
JA931 AKP7224-A
IC202 K4S641632K-UC75
CN204 NM DOWNLOAD
IC601 TC7SH08FUS1
X201 VSS1172-A
MIC
LIMIT
TRKUP
SYS
XREADY
MDATA
SCLK
ACK
SDATA
RXD
TXD
SCL
SDA
1.8V
3.3V
A B C D E F

	C248	C249	R240	R241	R242	R243	R244	R245	R246	L241	IC241
05	0.1u	470p	33	33	33	10	33	33	33	QTL1013A	TC7SH08FUS1
18	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM

(C/V) ➡ : VIDEO SIGNAL ROUTE(C/V)
(S_Y) ➡ : VIDEO SIGNAL ROUTE (S_Y)
(S_C) ➡ : VIDEO SIGNAL ROUTE (S_C)
(R/Cr) ➡ : VIDEO SIGNAL ROUTE (R/Cr)
(G/Y) ➡ : VIDEO SIGNAL ROUTE (G/Y)
(B/Cb) ➡ : VIDEO SIGNAL ROUTE (B/Cb)
(AD) ➡ : AUDIO DATA SIGNAL ROUTE

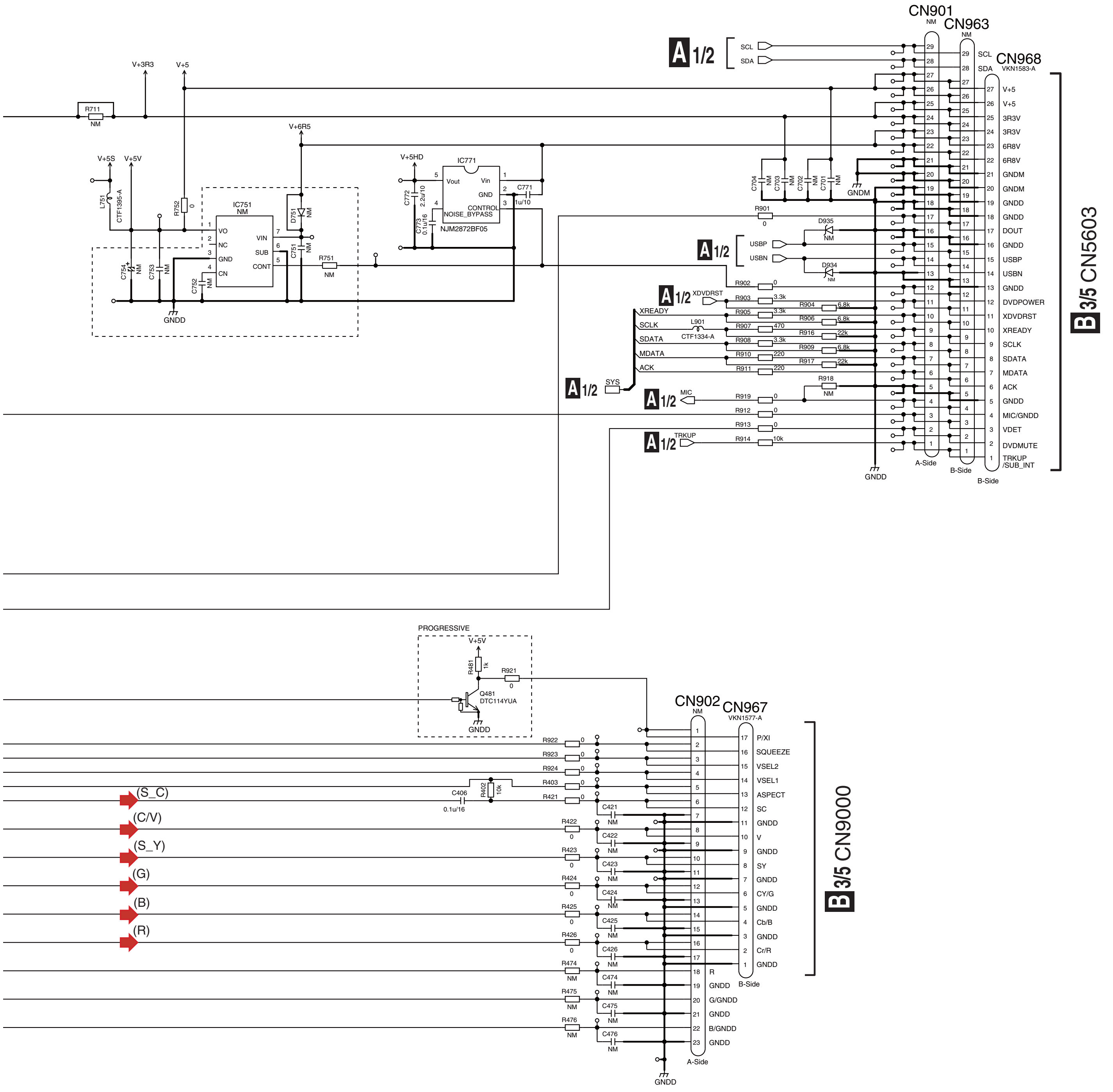
10.2 08 DVDM ASSY (2/2)

A 2/2 08 DVDM ASSY
(XV-DV575, XV-DV580 : AWM8118)
(XV-DV385K, XV-DV395K : AWM8105)


A 1/2
AUDIO
DSDPCM
DSDLFE
DSDRS
DSDR
ASDAT2_AR_DSDC
ASDAT1_AL_DSDLS
ASDAT0_ALS_DSDL
ALRCK_AC
ABCK_ARS
ACLK_ALFE
XMMUTE
XAMUTE
ASPDIF
CN961 NM
CN952 NM
*CN962 VKN1472-A
CN951 NM
B-Side
A-Side
B 3/5 CN5605
GNDD
R524 NM
R523 NM
R521 0
AVD18
V+1R8
R715 0
IC711
MM1661JH
VOUT VIN NC1 NC3 GND NC2 CN CONT
C714 NM
C713 2.2u/10
R714 NM
R713 NM
R712 NM
C712 470p/16
C711 1u/10
VOLTAGE DETECT
V+6R5
V+5
V+3R3
Q802 HN1A01FU(YGR)
D802 DAN202U
R808 220
R811 47k
R810 22k
R809 2.7k
R805 47k
R803 8.2k
R806 1k
R807 1.5k
R804 22k
D811 1SS352
R801 470
R802 47k
Q801 2SC4081(QR)
D801 UDZS4R7(B)
C801 0.1u/16
NORMAL : 3.3 V
ABNORAMAL : < 1.6 V, 3.6 V <
VSEL1 RGB V
VSEL2 V+RGB S
V+5V
I/XP
SQUEEZE
VSEL2
VSEL1
IC401
MM1758XF
VCC1 VCC2 CIN S-DCOUT MUTE1 COUT CVBSIN S1 YCMIX S2 YIN CVBSOUT GND1 GND2_4 BIAS YOUT I/P CYOUT CYIN GND2_3 CLP CbOUT CbIN GND2_2 MUTE2 CrOUT CrIN GND2_1
C401 100u/16
C402 0.1u/16
C403 NM
C404 100u/16
C405 0.1u/16
R404 NM *2
R405 NM
C411 0.1u/16
C412 1u/10
C413 1u/10
C414 1u/10
C415 0.1u/16
C416 0.1u/16
SQUEEZE
LETTER
I/XP
8
7
6
9
10
11
(S_C)
(C/V)
(S_Y)
(G)
(B)
(R)
S_C
CVBS
S_Y
G_CY
B_CB
R_CR
R411 150
R431 NM
R412 150
R432 NM
R413 150
R433 NM
R414 150
R434 NM
R415 150
R435 NM
R416 150
R436 NM
R406 0
R401 10k
Q401 NM
EXTRA VIDEO OUT
IC451
NM
VCC1 VCC2 CIN COUT MUTE1 MODE2 VIN VOUT MODED1 VSAG YIN GND2 BIAS YOUT GND1 YSAG
C451 NM
C452 NM
C453 NM
C454 NM
C455 NM
C464 NM
C465 NM
C466 NM
VSEL1
A 1/2
VIDEO

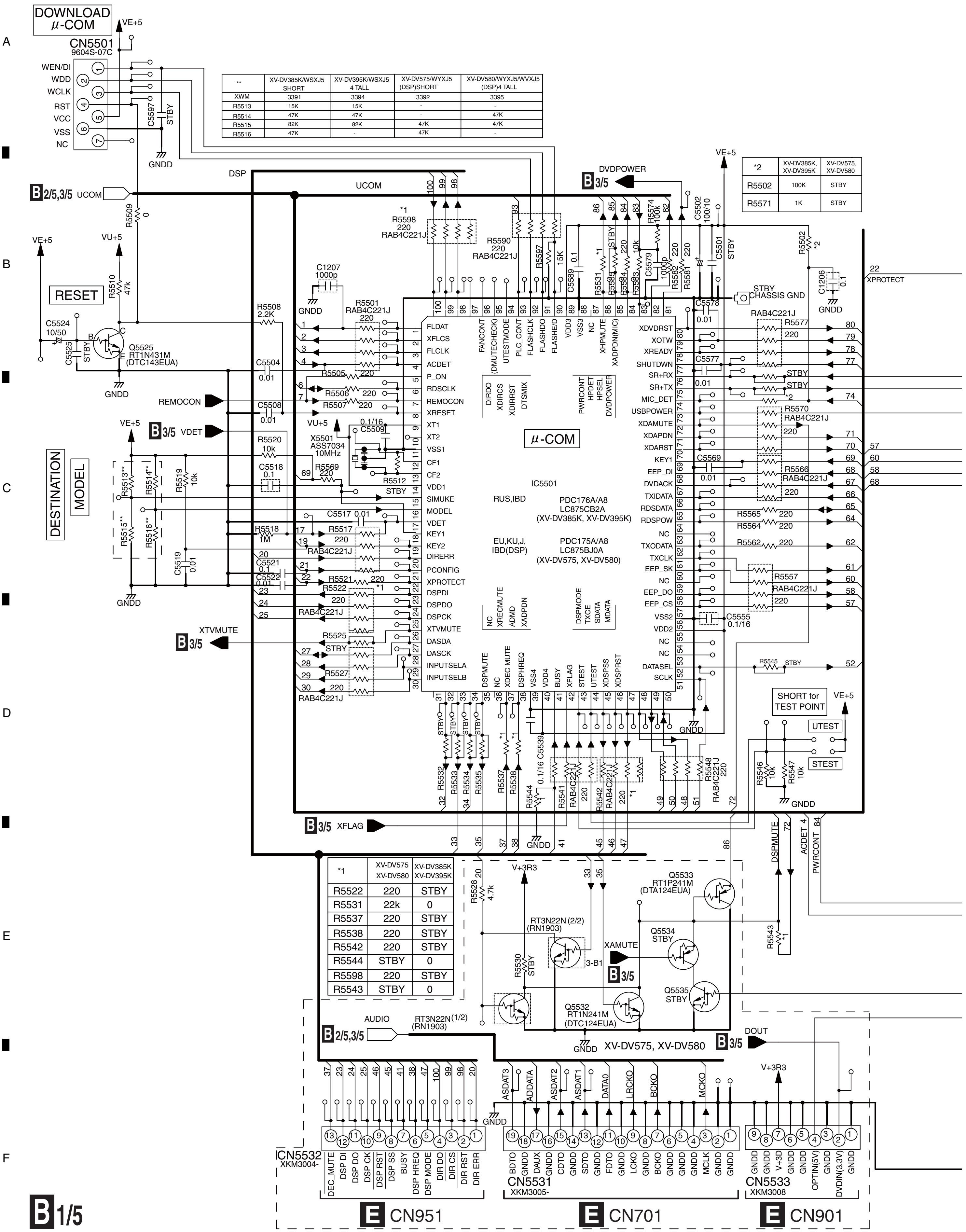
	AWM8105	AWM8118
CN962	VKN1472-A	NM

A 2/2


CN901
NM
CN963
NM
CN968
VKN1583-A
A 1/2
SCL
SDA
V+3R3
V+5
R711
NM
V+6R5
V+5S
V+5V
L751
CTF1395-A
R752
0
IC751
NM
VO
NC
GND
CN
VIN
SUB
CONT
D751
NM
C751
NM
R751
NM
C754
NM
C753
NM
C752
NM
GNDD
V+5HD
IC771
Vout
Vin
GND
CONTROL
NOISE_BYPASS
NJM2872BF05
C772
2.2u/10
C773
0.1u/16
C771
1u/10
C704
NM
C703
NM
C702
NM
C701
NM
GNDM
R901
0
D935
NM
USBP
USBN
D934
NM
R902
0
XDVDRST
R903
3.3k
R904
6.8k
XREADY
R905
3.3k
R906
6.8k
SCLK
L901
CTF1334-A
R907
470
R916
22k
SDATA
R908
3.3k
R909
6.8k
MDATA
R910
220
R917
22k
ACK
R911
220
SYS
R918
NM
MIC
R919
0
R912
0
R913
0
TRKUP
R914
10k
GNDD
A-Side
B-Side
B-Side
V+5
V+5
3R3V
3R3V
6R8V
6R8V
GNDM
GNDM
GNDD
GNDD
DOUT
GNDD
USBP
USBN
GNDD
DVDPOWER
XDVDRST
XREADY
SCLK
SDATA
MDATA
ACK
GNDD
MIC/GNDD
VDET
DVDMUTE
TRKUP
/SUB_INT
B 3/5 CN5603
PROGRESSIVE
V+5V
R481
1k
R921
0
Q481
DTC114YUA
GNDD
CN902
NM
CN967
VKN1577-A
R922
0
R923
0
R924
0
R403
0
C406
0.1u/16
R402
10k
R421
0
C421
NM
R422
0
C422
NM
R423
0
C423
NM
R424
0
C424
NM
R425
0
C425
NM
R426
0
C426
NM
R474
NM
C474
NM
R475
NM
C475
NM
R476
NM
C476
NM
(S_C)
(C/V)
(S_Y)
(G)
(B)
(R)
P/XI
SQUEEZE
VSEL2
VSEL1
ASPECT
SC
GNDD
V
GNDD
SY
GNDD
CY/G
GNDD
Cb/B
GNDD
Cr/R
GNDD
R
GNDD
G/GNDD
GNDD
B/GNDD
GNDD
A-Side
B-Side
GNDD
B 3/5 CN9000

(C/V) ➡ : VIDEO SIGNAL ROUTE(C/V)
(S_Y) ➡ : VIDEO SIGNAL ROUTE (S_Y)
(S_C) ➡ : VIDEO SIGNAL ROUTE (S_C)
(R) ➡ : VIDEO SIGNAL ROUTE (R)
(G) ➡ : VIDEO SIGNAL ROUTE (G)
(B) ➡ : VIDEO SIGNAL ROUTE (B)

10.3 SYSMAIN ASSY (1/5)


DOWNLOAD μ-COM
CN5501
9604S-07C
WEN/DI
WDD
WCLK
RST
VCC
VSS
NC
VE+5
C5597
STBY
GNDD
DSP
UCOM
B 2/5,3/5 UCOM
R5509 0
VE+5
VU+5
R5510 47k
RESET
C5524 10/50
C5525 STBY
Q5525 RT1N431M (DTC143EUA)
REMOCON
B 3/5 VDET
DESTINATION
MODEL
R5513**
R5514**
R5515**
R5516**
R5519 10k
C5519 0.01
B 3/5 XTVMUTE
R5508 2.2K
C5504 0.01
C5508 0.01
R5520 10k
C5518 0.1
R5518 1M
C5521 0.1
C5522 0.01
C1207 1000p
R5501 RAB4C221J 220
R5505 220
R5506 220
R5507 220
X5501 ASS7034 10MHz
C5509 0.1/16
R5569 220
R5512 STBY
C5517 0.01
R5517 220 RAB4C221J
R5521 220
R5522 220 RAB4C221J *1
R5525 STBY
R5527 220 RAB4C221J
*1 R5598 220 RAB4C221J
R5590 220 RAB4C221J
R5597 15K
C5589 0.1
R5531 *1
R5584 STBY
R5583 220
R5574 100k
C5579 1000p
R5582 220
R5581 220
C5502 100/10
C5501 STBY
B 3/5 DVDPOWER
VE+5
R5502 *2
C1206 0.1
STBY CHASSIS GND
22 XPROTECT
C5578 0.01
C5577 0.01
RAB4C221J R5577 220
R5570 RAB4C221J 220
C5569 0.01
R5566 RAB4C221J 220
R5565 220
R5564 220
R5562 220
R5557 RAB4C221J 220
C5555 0.1/16
R5545 STBY
μ-COM
IC5501
RUS,IBD
PDC176A/A8 LC875CB2A (XV-DV385K, XV-DV395K)
EU,KU,J, IBD(DSP)
PDC175A/A8 LC875BJ0A (XV-DV575, XV-DV580)
FLDAT XFLCS FLCLK ACDET P_ON RDSCLK REMOCON XRESET XT1 XT2 VSS1 CF1 CF2 VDD1 SIMUKE MODEL VDET KEY1 KEY2 DIRERR PCONFIG XPROTECT DSPDI DSPDO DSPCK XTVMUTE DASDA DASCK INPUTSELA INPUTSELB
FANCONT (DMUTECHECK) UTESTMODE PLC_CONT FLASHCLK FLASHDO FLASHE/D VDD3 VSS3 NC XHPMUTE XADPDN(MIC)
DIRDO XDIRCS XDIRRST DTSMIX
PWRCONT HPDET HPSEL DVDPOWER
XDVDRST XOTW XREADY SHUTDWN SR+RX SR+TX MIC_DET USBPOWER XDAMUTE XDAPDN XDARST KEY1 EEP_DI DVDACK TXIDATA RDSDATA RDSPOW NC TXODATA TXCLK EEP_SK NC EEP_DO EEP_CS VSS2 VDD2 NC NC DATASEL SCLK
NC XRECMUTE ADMD XADPDN
DSPMODE TXCE SDATA MDATA
DSPMUTE NC XDEC MUTE DSPHREQ VSS4 VDD4 BUSY XFLAG STEST UTEST XDSPSS XDSPRST
R5532 R5533 R5534 R5535 STBY
R5537 *1 R5538 *1
R5544 *1
C5539 0.1/16
R5541 RAB4C221J 220
R5542 RAB4C221J 220 *1
R5548 RAB4C221J 220
SHORT for TEST POINT
VE+5
UTEST
STEST
R5546 10k
R5547 10k
GNDD
B 3/5 XFLAG
DSPMUTE ACDET PWRCONT
V+3R3
R5528 4.7k
RT3N22N (2/2) (RN1903)
XAMUTE 3-B1 B 3/5
R5530 STBY
Q5533 RT1P241M (DTA124EUA)
Q5534 STBY
Q5535 STBY
Q5532 RT1N241M (DTC124EUA)
R5543 *1
AUDIO B 2/5,3/5
RT3N22N(1/2) (RN1903)
XV-DV575, XV-DV580
DOUT B 3/5
V+3R3
CN5532 XKM3004-
DEC_MUTE DSP DI DSP DO DSP CK DSP RST DSP SS BUSY DSP HREQ DSP MODE DIR DO DIR CS DIR RST DIR ERR
ASDAT3 ADDATA ASDAT2 ASDAT1 DATA0 LRCKO BCKO MCKO
CN5531 XKM3005-
BDTO GNDD DAUX GNDD CDTO GNDD SDTO GNDD FDTO GNDD LCKO GNDD BCKO GNDD GNDD GNDD MCLK GNDD GNDD
CN5533 XKM3008
GNDD GNDD V+3D GNDD GNDD OPTIN(5V) GNDD DVDIN(3.3V) GNDD
E CN951
E CN701
E CN901
B 1/5
A B C D E F

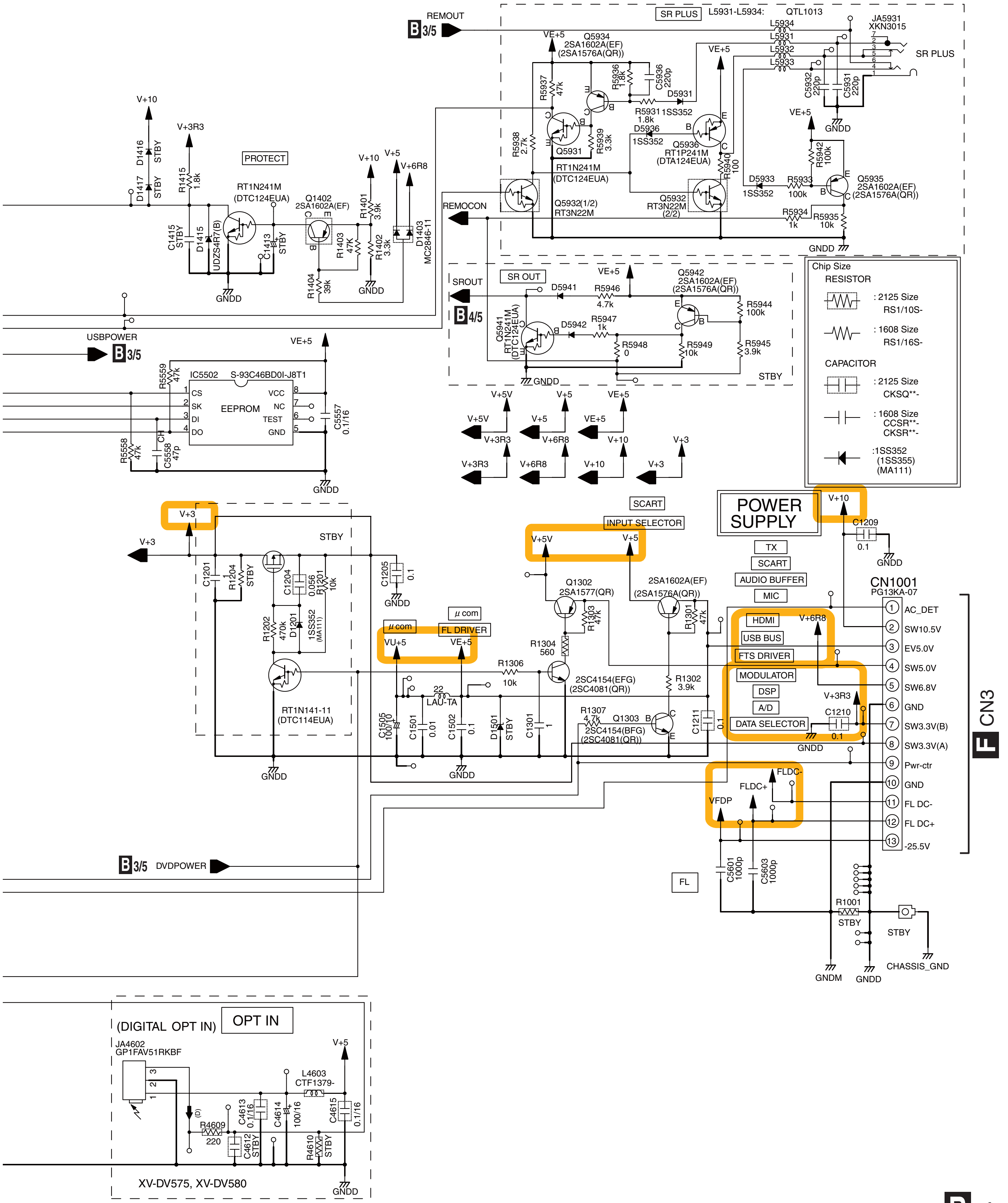
**	XV-DV385K/WSXJ5 SHORT	XV-DV395K/WSXJ5 4 TALL	XV-DV575/WYXJ5 (DSP)SHORT	XV-DV580/WYXJ5/WVXJ5 (DSP)4 TALL
XWM	3391	3394	3392	3395
R5513	15K	15K	-	-
R5514	47K	47K	-	47K
R5515	82K	82K	47K	47K
R5516	47K	-	47K	-

*2	XV-DV385K, XV-DV395K	XV-DV575, XV-DV580
R5502	100K	STBY
R5571	1K	STBY

*1	XV-DV575 XV-DV580	XV-DV385K XV-DV395K
R5522	220	STBY
R5531	22k	0
R5537	220	STBY
R5538	220	STBY
R5542	220	STBY
R5544	STBY	0
R5598	220	STBY
R5543	STBY	0

B 1/5 SYSMAIN ASSY

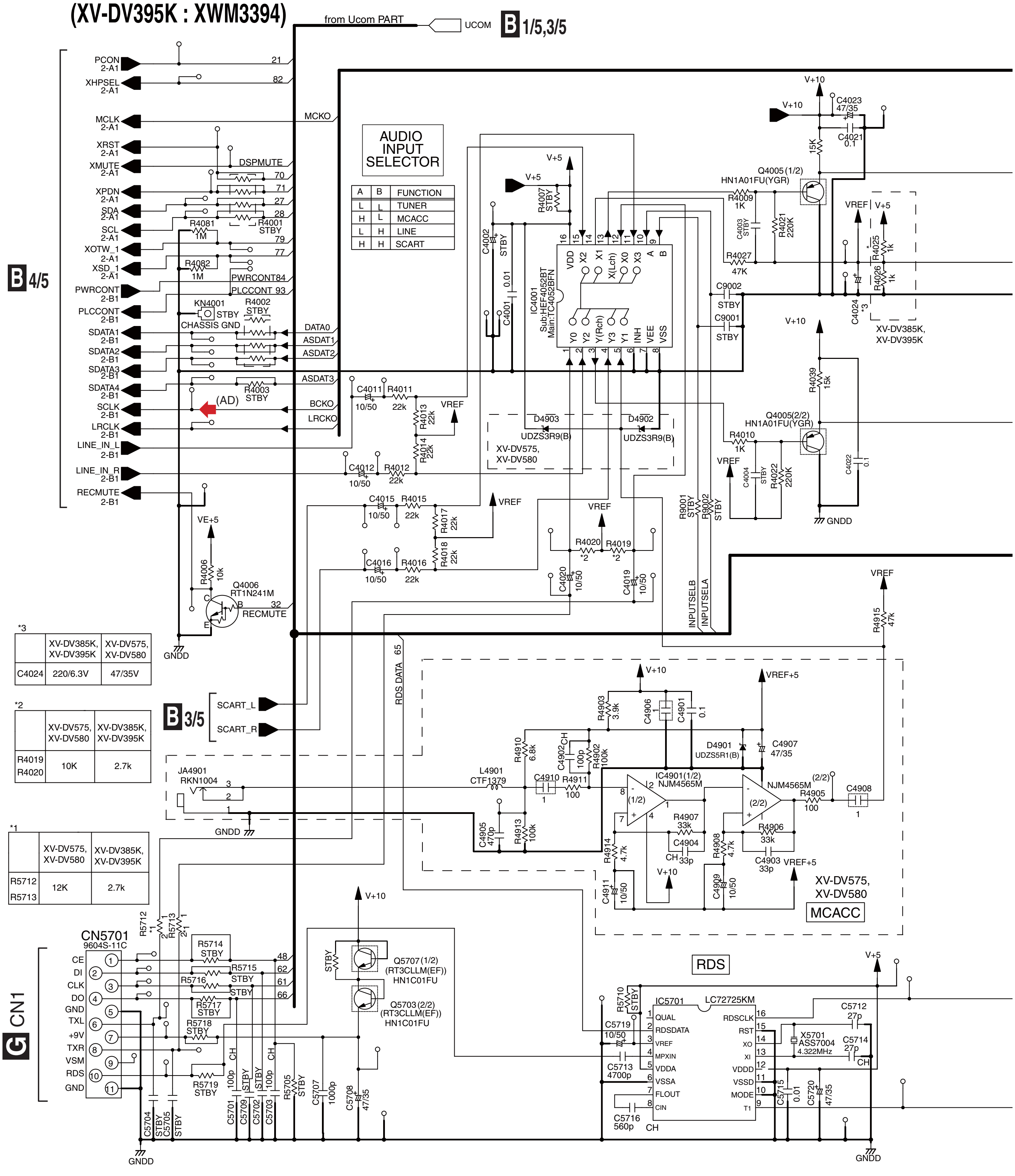
(XV-DV575 : XWM3392) (XV-DV580 : XWM3395)
(XV-DV385K : XWM3391) (XV-DV395K : XWM3394)



REMOUT
B 3/5
SR PLUS
L5931-L5934: QTL1013
JA5931 XKN3015
L5934
L5931
L5932
L5933
SR PLUS
VE+5
Q5934 2SA1602A(EF) (2SA1576A(QR))
R5936 1.8k
C5936 220p
D5931
R5937 47k
R5931 1.8k
1SS352
D5936
1SS352
Q5936 RT1P241M (DTA124EUA)
C5932 220p
C5931 220p
GNDD
Q5931
RT1N241M (DTC124EUA)
R5938 2.7k
R5939 3.3k
R5940 100
D5933 1SS352
R5933 100k
R5942 100k
Q5935 2SA1602A(EF) (2SA1576A(QR))
Q5932(1/2) RT3N22M
Q5932 RT3N22M (2/2)
R5934 1k
R5935 10k
REMOCON
GNDD
V+10
V+3R3
D1416 STBY
D1417 STBY
R1415 1.8k
PROTECT
RT1N241M (DTC124EUA)
Q1402 2SA1602A(EF)
V+10
V+5
V+6R8
R1401 3.9k
R1403 47K
R1402 3.3k
D1403 MC2846-11
C1415 STBY
D1415 UDZS4R7(B)
C1413 STBY
R1404 39k
GNDD
GNDD
SROUT
SR OUT
VE+5
Q5942 2SA1602A(EF) (2SA1576A(QR))
D5941
R5946 4.7k
R5944 100k
B 4/5
Q5941 RT1N241M (DTC124EUA)
D5942
R5947 1k
R5948 0
R5949 10k
R5945 3.9k
GNDD
STBY
USBPOWER
B 3/5
VE+5
R5559 47k
IC5502 S-93C46BD0I-J8T1
CS VCC
SK NC
DI TEST
DO GND
EEPROM
C5557 0.1/16
R5558 47k
C5558 47p CH
GNDD
V+5V V+5 VE+5
V+5V V+5 VE+5
V+3R3 V+6R8 V+10 V+3
V+3R3 V+6R8 V+10 V+3
Chip Size
RESISTOR
: 2125 Size RS1/10S-
: 1608 Size RS1/16S-
CAPACITOR
: 2125 Size CKSQ**-
: 1608 Size CCSR**- CKSR**-
:1SS352 (1SS355) (MA111)
V+3
STBY
V+3
C1201
R1204 STBY
C1204 0.056
R1201 10k
C1205 0.1
GNDD
R1202 470k
D1201 1SS352 (MA111)
RT1N141-11 (DTC114EUA)
GNDD
μ com
μ com
FL DRIVER
VU+5 VE+5
SCART
INPUT SELECTOR
V+5V V+5
Q1302 2SA1577(QR)
2SA1602A(EF) (2SA1576A(QR))
R1303 47k
R1301 47k
R1304 560
R1306 10k
22 LAU-TA
2SC4154(EFG) (2SC4081(QR))
R1302 3.9k
R1307 4.7k
Q1303
2SC4154(BFG) (2SC4081(QR))
C1505 100/10
C1501 0.01
C1502 0.1
D1501 STBY
C1301 1
C1211 0.1
GNDD
POWER SUPPLY
V+10
C1209 0.1
GNDD
TX
SCART
AUDIO BUFFER
MIC
HDMI
USB BUS
FTS DRIVER
V+6R8
MODULATOR
DSP
A/D
DATA SELECTOR
V+3R3
C1210 0.1
GNDD
CN1001 PG13KA-07
1 AC_DET
2 SW10.5V
3 EV5.0V
4 SW5.0V
5 SW6.8V
6 GND
7 SW3.3V(B)
8 SW3.3V(A)
9 Pwr-ctr
10 GND
11 FL DC-
12 FL DC+
13 -25.5V
F CN3
FLDC-
FLDC+
VFDP
C5601 1000p
C5603 1000p
FL
R1001 STBY
STBY
CHASSIS_GND
GNDM
GNDD
B 3/5 DVDPOWER
(DIGITAL OPT IN)
OPT IN
JA4602 GP1FAV51RKBF
V+5
L4603 CTF1379-
R4609 220
C4613 0.1/16
C4612 STBY
C4614 100/16
R4610 STBY
C4615 0.1/16
XV-DV575, XV-DV580
GNDD

10.4 SYSMAIN ASSY (2/5)

B 2/5 SYSMAIN ASSY
(XV-DV575 : XWM3392)
(XV-DV580 : XWM3395)
(XV-DV385K : XWM3391)
(XV-DV395K : XWM3394)



from Ucom PART
UCOM
B 1/5,3/5
B 4/5
PCON 2-A1
XHPSEL 2-A1
MCLK 2-A1
XRST 2-A1
XMUTE 2-A1
XPDN 2-A1
SDA 2-A1
SCL 2-A1
XOTW_1 2-A1
XSD_1 2-A1
PWRCONT 2-B1
PLCCONT 2-B1
SDATA1 2-B1
SDATA2 2-B1
SDATA3 2-B1
SDATA4 2-B1
SCLK 2-B1
LRCLK 2-B1
LINE_IN_L 2-B1
LINE_IN_R 2-B1
RECMUTE 2-B1
MCKO
DSPMUTE
R4081 1M
R4001 STBY
R4082 1M
PWRCONT84
PLCCONT 93
KN4001 STBY
CHASSIS GND
R4002 STBY
DATA0
ASDAT1
ASDAT2
ASDAT3
R4003 STBY
(AD)
BCKO
LRCKO
VE+5
R4006 10k
Q4006 RT1N241M
RECMUTE
GNDD
AUDIO INPUT SELECTOR
V+5
R4007 STBY
C4002 STBY
C4001 0.01
IC4001 Sub:HEF4052BT Main:TC4052BFN
VDD X2 X1 X(Lch) X0 X3 A B
Y0 Y2 Y(Rch) Y3 Y1 INH VEE VSS
C4011 10/50
R4011 22k
R4013 22k
R4014 22k
VREF
C4012 10/50
R4012 22k
C4015 10/50
R4015 22k
R4017 22k
C4016 10/50
R4016 22k
R4018 22k
D4903 UDZS3R9(B)
D4902 UDZS3R9(B)
XV-DV575, XV-DV580
R4020 *2
R4019 *2
C4020 10/50
C4019 10/50
R9001 STBY
R9002 STBY
INPUTSELB
INPUTSELA
V+10
C4023 47/35
C4021 0.1
15K
Q4005 (1/2) HN1A01FU(YGR)
R4009 1K
C4003 STBY
R4021 220K
R4027 47K
C9002 STBY
C9001 STBY
R4025 1k
R4026 1k
C4024 *3
XV-DV385K, XV-DV395K
R4039 15k
Q4005(2/2) HN1A01FU(YGR)
R4010 1K
C4004 STBY
R4022 220K
C4022 0.1
R4915 47K
VREF+5
RDS DATA 65
B 3/5
SCART_L
SCART_R
JA4901 RKN1004
L4901 CTF1379
R4903 3.9k
C4906 1
C4901 0.1
R4910 6.8k
C4902 CH 100p
R4902 100k
C4910 1
R4911 100
D4901 UDZS5R1(B)
C4907 47/35
IC4901(1/2) NJM4565M
NJM4565M (2/2)
R4905 100
C4908 1
C4905 470p
R4913 100k
R4907 33k
C4904 CH 33p
R4906 33k
C4903 33p
R4914 4.7k
R4908 4.7k
C4911 10/50
C4909 10/50
MCACC
RDS
CN5701 9604S-11C
CE DI CLK DO GND TXL +9V TXR VSM RDS GND
G CN1
R5712 *1
R5713 *1
R5714 STBY
R5715 STBY
R5716 STBY
R5717 STBY
R5718 STBY
R5719 STBY
Q5707 (1/2) (RT3CLLM(EF)) HN1C01FU
Q5703 (2/2) (RT3CLLM(EF)) HN1C01FU
C5704 STBY
C5705 STBY
C5701 100p CH
C5709 STBY
C5702 STBY
C5703 100p CH
R5705 STBY
C5707 1000p
C5708 47/35
R5710 STBY
IC5701 LC72725KM
QUAL RDSDATA VREF MPXIN VDDA VSSA FLOUT CIN
RDSCLK RST XO XI VDDD VSSD MODE T1
C5719 10/50
C5713 4700p
C5716 560p CH
X5701 ASS7004 4.322MHz
C5712 27p
C5714 27p CH
C5715 0.01
C5720 47/35

A	B	FUNCTION
L	L	TUNER
H	L	MCACC
L	H	LINE
H	H	SCART

*3

	XV-DV385K, XV-DV395K	XV-DV575, XV-DV580
C4024	220/6.3V	47/35V

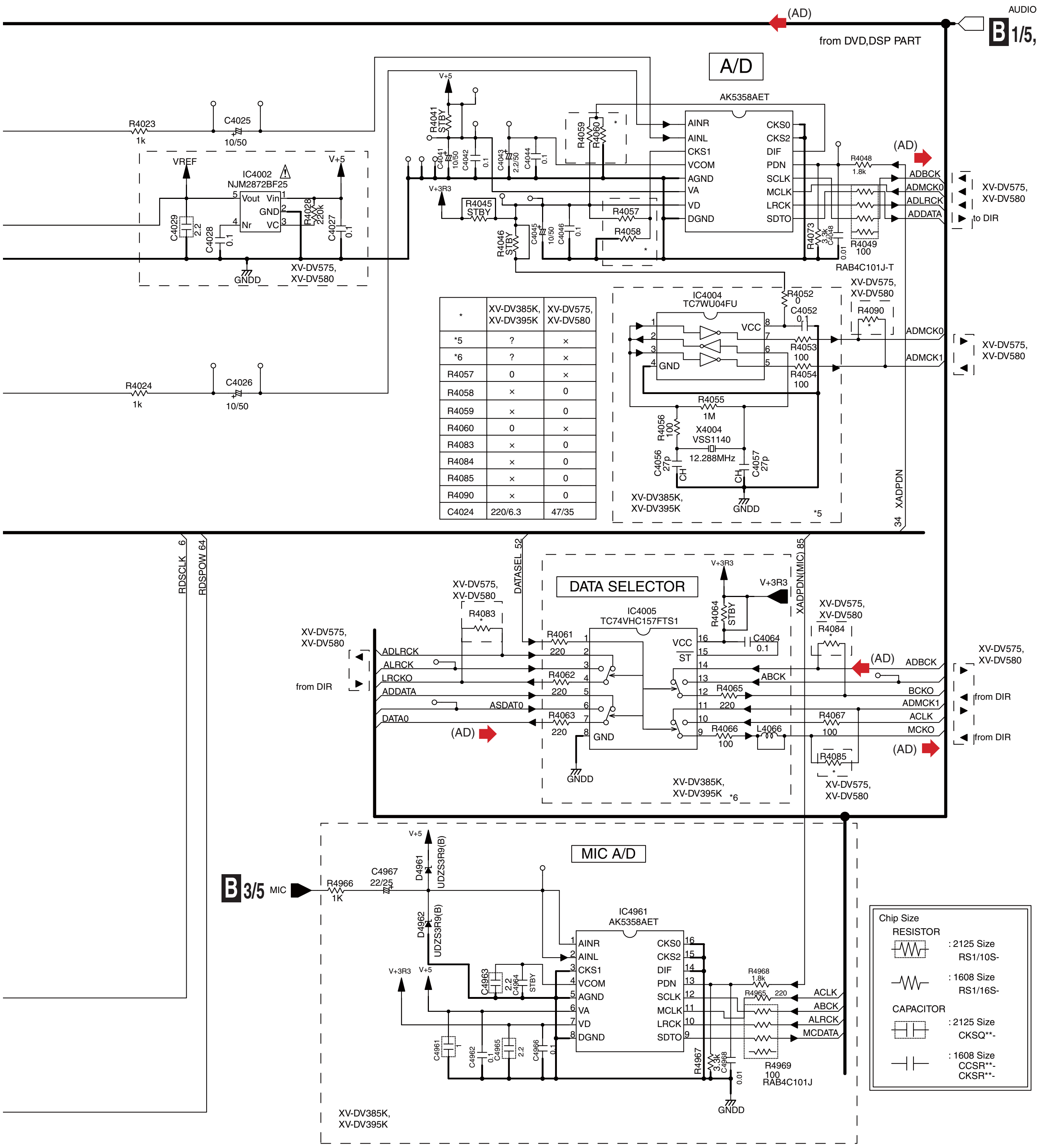
*2

	XV-DV575, XV-DV580	XV-DV385K, XV-DV395K
R4019 R4020	10K	2.7k

*1

	XV-DV575, XV-DV580	XV-DV385K, XV-DV395K
R5712 R5713	12K	2.7k

B 2/5



AUDIO
B 1/5,3/5
(AD)
from DVD,DSP PART
A/D
AK5358AET
AINR
AINL
CKS1
VCOM
AGND
VA
VD
DGND
CKS0
CKS2
DIF
PDN
SCLK
MCLK
LRCK
SDTO
R4023
1k
C4025
10/50
VREF
V+5
IC4002
NJM2872BF25
Vout
Vin
GND
Nr
VC
C4029
2.2
C4028
0.1
R4028
220k
C4027
0.1
GNDD
XV-DV575,
XV-DV580
R4041
STBY
C4041
10/50
C4042
0.1
C4043
2.2/50
C4044
0.1
R4059
R4060
V+3R3
R4045
STBY
R4046
STBY
C4045
10/50
C4046
0.1
R4057
R4058
R4048
1.8k
ADBCK
ADMCK0
ADLRCK
ADDATA
to DIR
R4073
3.3k
C4048
0.01
R4049
100
RAB4C101J-T
IC4004
TC7WU04FU
VCC
GND
R4052
0
C4052
0.1
R4053
100
R4054
100
R4090
ADMCK0
ADMCK1
R4055
1M
R4056
100
X4004
VSS1140
12.288MHz
C4056
27p
C4057
27p
CH
XV-DV385K,
XV-DV395K
*5
34 XADPDN
R4024
1k
C4026
10/50
RDSCLK 6
RDSPOW 64
DATASEL 52
XADPDN(MIC) 85
DATA SELECTOR
IC4005
TC74VHC157FTS1
VCC
ST
GND
R4083
ADLRCK
ALRCK
LRCKO
ADDATA
ASDAT0
DATA0
from DIR
R4061
220
R4062
220
R4063
220
R4064
STBY
C4064
0.1
V+3R3
R4084
ADBCK
ABCK
BCKO
ADMCK1
ACLK
MCKO
R4065
220
R4066
100
L4066
R4067
100
R4085
XV-DV385K,
XV-DV395K *6
B 3/5 MIC
R4966
1K
C4967
22/25
D4961
UDZS3R9(B)
D4962
UDZS3R9(B)
MIC A/D
IC4961
AK5358AET
C4963
2.2
C4964
STBY
C4961
1
C4962
0.1
C4965
2.2
C4966
0.1
R4968
1.8k
R4965
220
ACLK
ABCK
ALRCK
MCDATA
R4967
3.3k
C4968
0.01
R4969
100
RAB4C101J
XV-DV385K,
XV-DV395K

*	XV-DV385K, XV-DV395K	XV-DV575, XV-DV580
*5	?	×
*6	?	×
R4057	0	×
R4058	×	0
R4059	×	0
R4060	0	×
R4083	×	0
R4084	×	0
R4085	×	0
R4090	×	0
C4024	220/6.3	47/35

Chip Size

RESISTOR

: 2125 Size
RS1/10S-

: 1608 Size
RS1/16S-

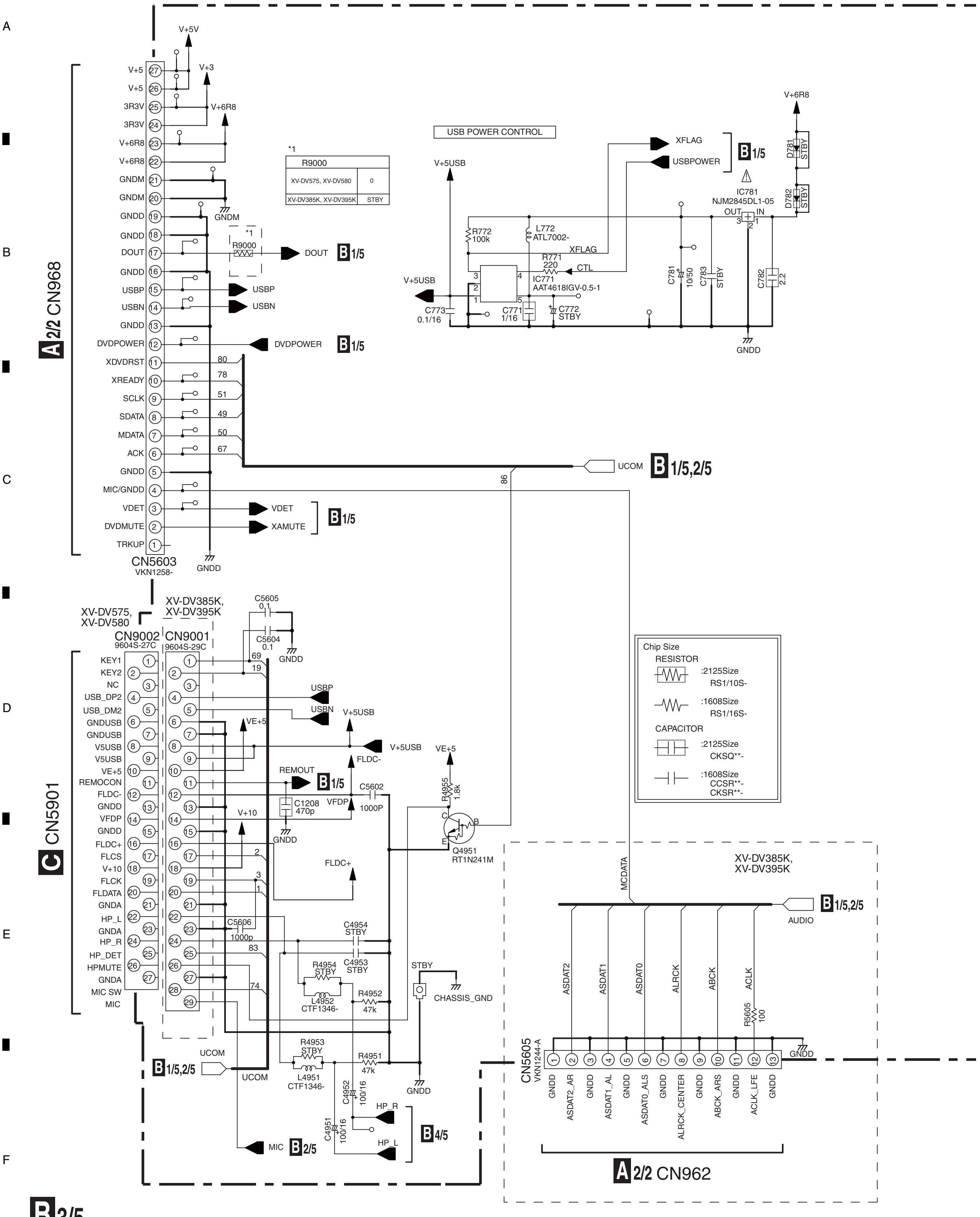
CAPACITOR

: 2125 Size
CKSQ**-

: 1608 Size
CCSR**-
CKSR**-

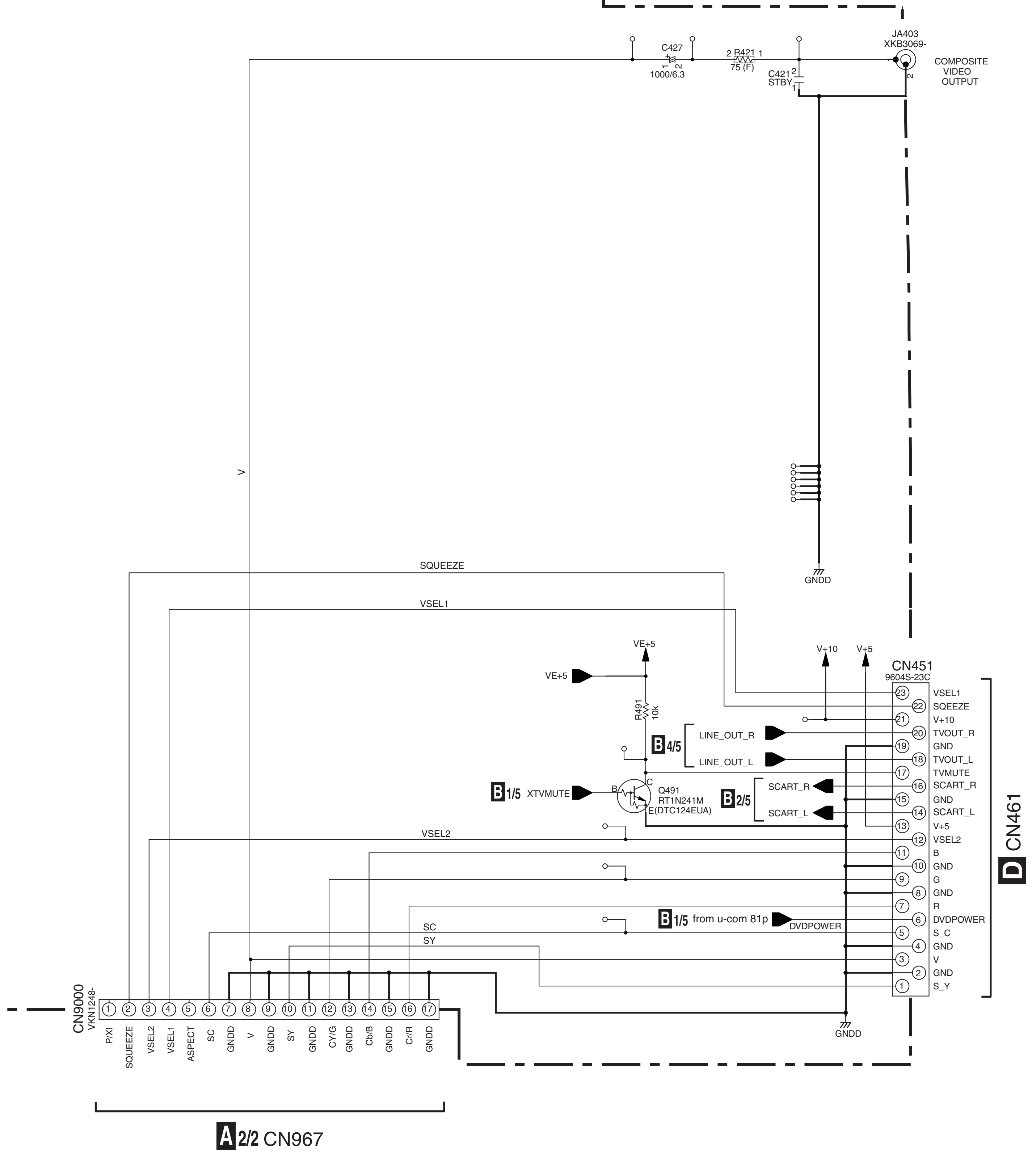
(AD): AUDIO DATA SIGNAL ROUTE

10.5 SYSMAIN ASSY (3/5)

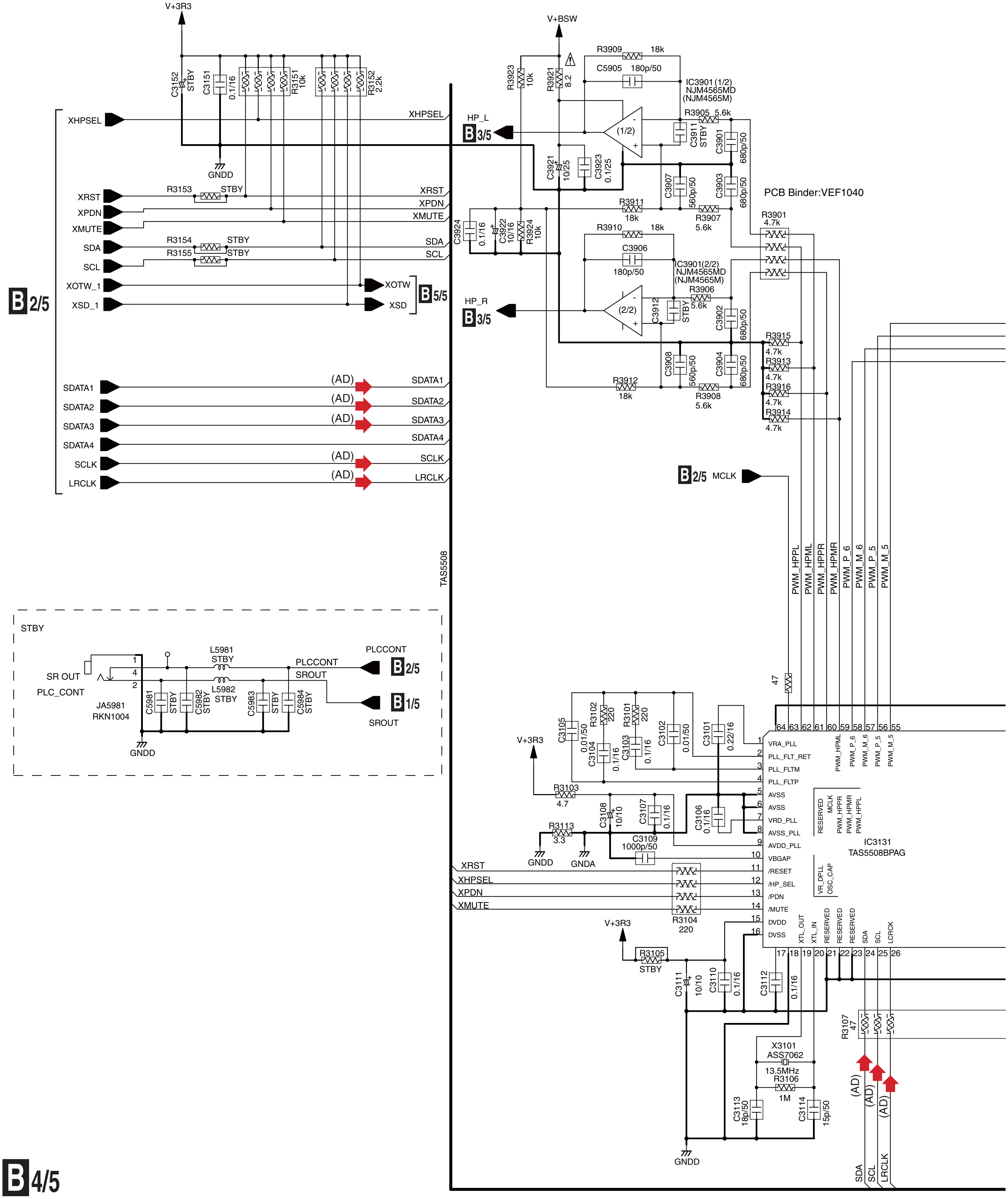

A
B
C
D
E
F
V+5V
V+3
V+6R8
V+5 27
V+5 26
3R3V 25
3R3V 24
V+6R8 23
V+6R8 22
GNDM 21
GNDM 20
GNDD 19
GNDD 18
DOUT 17
GNDD 16
USBP 15
USBN 14
GNDD 13
DVDPOWER 12
XDVDRST 11
XREADY 10
SCLK 9
SDATA 8
MDATA 7
ACK 6
GNDD 5
MIC/GNDD 4
VDET 3
DVDMUTE 2
TRKUP 1
A 2/2 CN968
CN5603
VKN1258-
GNDM
GNDD
*1
R9000
DOUT
B 1/5
USBP
USBN
DVDPOWER
B 1/5
80
78
51
49
50
67
86
UCOM
B 1/5,2/5
VDET
XAMUTE
B 1/5
*1
R9000
XV-DV575, XV-DV580 | 0
XV-DV385K, XV-DV395K | STBY
USB POWER CONTROL
V+5USB
XFLAG
USBPOWER
B 1/5
V+6R8
D781 STBY
D782 STBY
IC781
NJM2845DL1-05
OUT IN
3 2 1
R772 100k
L772 ATL7002-
XFLAG
R771 220
CTL
IC771
AAT4618IGV-0.5-1
V+5USB
C773 0.1/16
C771 1/16
C772 STBY
C781 10/50
C783 STBY
C782 2.2
GNDD
XV-DV575,
XV-DV580
XV-DV385K,
XV-DV395K
CN9002
9604S-27C
CN9001
9604S-29C
C5605 0.1
C5604 0.1
GNDD
69
19
KEY1
KEY2
NC
USB_DP2
USB_DM2
GNDUSB
GNDUSB
V5USB
V5USB
VE+5
REMOCON
FLDC-
GNDD
VFDP
GNDD
FLDC+
FLCS
V+10
FLCK
FLDATA
GNDA
HP_L
GNDA
HP_R
HP_DET
HPMUTE
GNDA
MIC SW
MIC
C CN5901
USBP
USBN
V+5USB
VE+5
V+5USB
FLDC-
VE+5
REMOUT
B 1/5
C5602 1000P
VFDP
C1208 470p
GNDD
V+10
R4955 1.8k
Q4951
RT1N241M
C B E
FLDC+
2
3
1
C5606 1000p
83
C4954 STBY
R4954 STBY
C4953 STBY
L4952 CTF1346-
R4952 47k
74
STBY
CHASSIS_GND
R4953 STBY
L4951 CTF1346-
R4951 47k
GNDD
UCOM
B 1/5,2/5
UCOM
C4952 100/16
C4951 100/16
HP_R
HP_L
B 4/5
MIC
B 2/5
Chip Size
RESISTOR
:2125Size RS1/10S-
:1608Size RS1/16S-
CAPACITOR
:2125Size CKSQ**-
:1608Size CCSR**- CKSR**-
MCDATA
XV-DV385K,
XV-DV395K
AUDIO
B 1/5,2/5
ASDAT2
ASDAT1
ASDAT0
ALRCK
ABCK
ACLK
R5605 100
GNDD
CN5605
VKN1244-A
GNDD
ASDAT2_AR
GNDD
ASDAT1_AL
GNDD
ASDAT0_ALS
GNDD
ALRCK_CENTER
GNDD
ABCK_ARS
GNDD
ACLK_LFE
GNDD
A 2/2 CN962

B 3/5

B 3/5 SYSMAIN ASSY
(XV-DV575 : XWM3392)
(XV-DV580 : XWM3395)
(XV-DV385K : XWM3391)
(XV-DV395K : XWM3394)

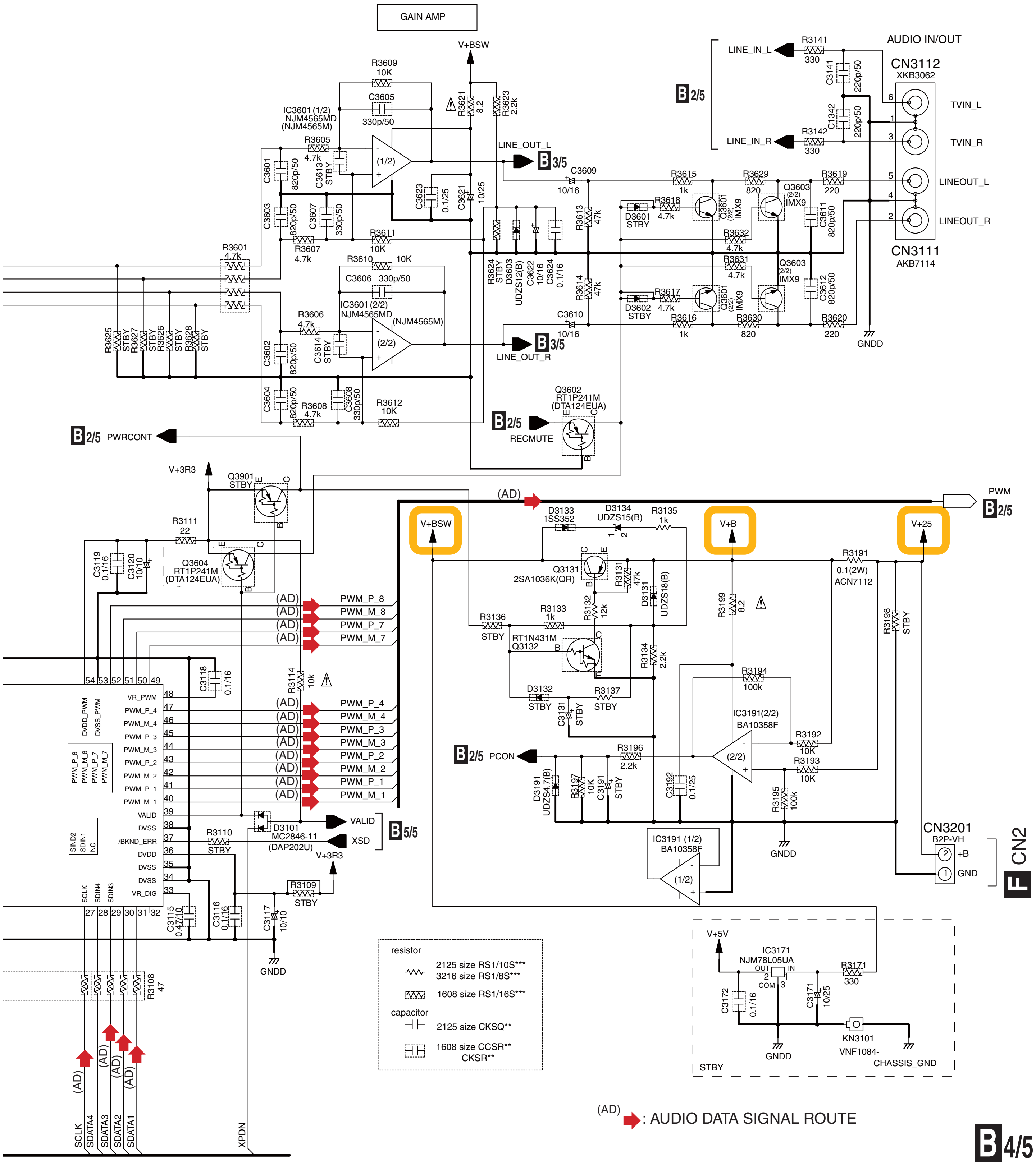

C427
1000/6.3
2 R421 1
75 (F)
C421
STBY
JA403
XKB3069-
COMPOSITE VIDEO OUTPUT
V
GNDD
SQUEEZE
VSEL1
VE+5
R491
10k
B 4/5
LINE_OUT_R
LINE_OUT_L
B 1/5
XTVMUTE
B
C
E
Q491
RT1N241M
(DTC124EUA)
B 2/5
SCART_R
SCART_L
VSEL2
B 1/5 from u-com 81p
DVDPOWER
SC
SY
V+10
V+5
CN451
9604S-23C
23 VSEL1
22 SQEEZE
21 V+10
20 TVOUT_R
19 GND
18 TVOUT_L
17 TVMUTE
16 SCART_R
15 GND
14 SCART_L
13 V+5
12 VSEL2
11 B
10 GND
9 G
8 GND
7 R
6 DVDPOWER
5 S_C
4 GND
3 V
2 GND
1 S_Y
D CN461
CN9000
VKN1248-
1 P/XI
2 SQUEEZE
3 VSEL2
4 VSEL1
5 ASPECT
6 SC
7 GNDD
8 V
9 GNDD
10 SY
11 GNDD
12 CY/G
13 GNDD
14 Cb/B
15 GNDD
16 Cr/R
17 GNDD
GNDD
A 2/2 CN967

10.6 SYSMAIN ASSY (4/5)



V+3R3
C3152
STBY
C3151
0.1/16
R3151
10k
R3152
2.2k
GNDD
XHPSEL
XRST
XPDN
XMUTE
SDA
SCL
XOTW_1
XSD_1
R3153
STBY
R3154
STBY
R3155
STBY
XOTW
XSD
B 2/5
B 5/5
SDATA1
SDATA2
SDATA3
SDATA4
SCLK
LRCLK
(AD)
TAS5508
V+BSW
R3923
10k
R3921
8.2
R3909
18k
C5905
180p/50
IC3901 (1/2)
NJM4565MD
(NJM4565M)
(1/2)
HP_L
B 3/5
R3905 5.6k
C3911
STBY
C3901
680p/50
C3921
10/25
C3923
0.1/25
C3907
560p/50
C3903
680p/50
PCB Binder:VEF1040
R3911
18k
R3907
5.6k
R3901
4.7k
C3924
0.1/16
C3922
10/16
R3924
10k
R3910
18k
C3906
180p/50
IC3901(2/2)
NJM4565MD
(NJM4565M)
R3906
5.6k
(2/2)
HP_R
C3912
STBY
C3902
680p/50
R3915
4.7k
R3913
4.7k
R3916
4.7k
R3914
4.7k
C3908
560p/50
C3904
680p/50
R3912
18k
R3908
5.6k
B 2/5 MCLK
PWM_HPPL
PWM_HPML
PWM_HPPR
PWM_HPMR
PWM_P_6
PWM_M_6
PWM_P_5
PWM_M_5
STBY
SR OUT
PLC_CONT
JA5981
RKN1004
L5981
STBY
L5982
STBY
C5981
STBY
C5982
STBY
C5983
STBY
C5984
STBY
PLCCONT
SROUT
B 1/5
GNDD
47
C3105
0.01/50
R3102
220
C3104
0.1/16
R3101
220
C3103
0.1/16
C3102
0.01/50
C3101
0.22/16
V+3R3
R3103
4.7
R3113
3.3
GNDD
GNDA
C3108
10/10
C3107
0.1/16
C3106
0.1/16
C3109
1000p/50
VRA_PLL
PLL_FLT_RET
PLL_FLTM
PLL_FLTP
AVSS
AVSS
VRD_PLL
AVSS_PLL
AVDD_PLL
VBGAP
/RESET
/HP_SEL
/PDN
/MUTE
DVDD
DVSS
RESERVED
MCLK
PWM_HPPR
PWM_HPMR
PWM_HPPL
PWM_HPML
PWM_P_6
PWM_M_6
PWM_P_5
PWM_M_5
VR_DPLL
OSC_CAP
XTL_OUT
XTL_IN
RESERVED
RESERVED
RESERVED
SDA
SCL
LRCK
IC3131
TAS5508BPAG
64 63 62 61 60 59 58 57 56 55
17 18 19 20 21 22 23 24 25 26
XRST
XHPSEL
XPDN
XMUTE
R3104
220
V+3R3
R3105
STBY
C3111
10/10
C3110
0.1/16
C3112
0.1/16
X3101
ASS7062
13.5MHz
R3106
1M
C3113
18p/50
C3114
15p/50
GNDD
R3107
47
SDA
SCL
LRCLK

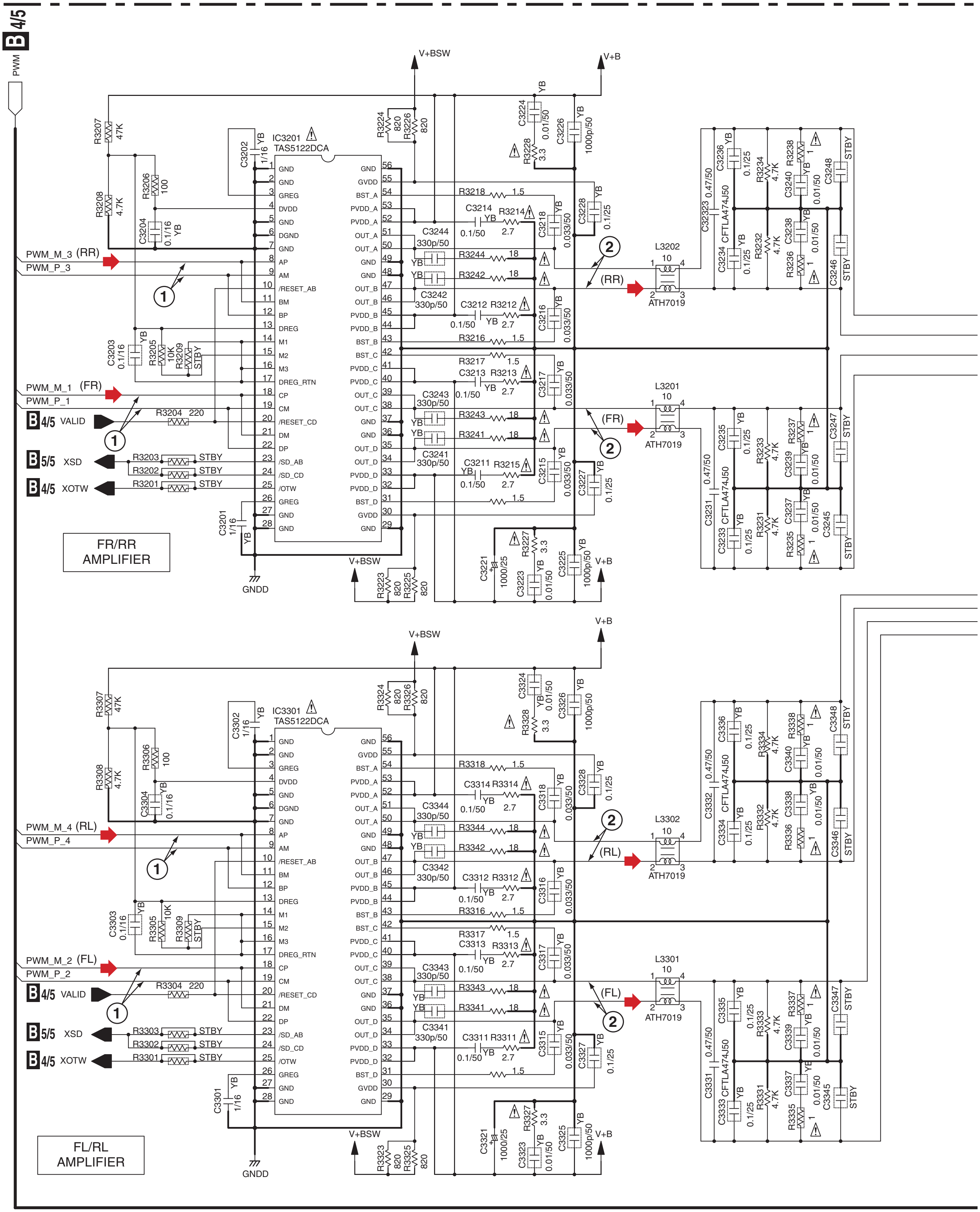
B 4/5 SYSMAIN ASSY
(XV-DV575 : XWM3392)
(XV-DV580 : XWM3395)
(XV-DV385K : XWM3391)
(XV-DV395K : XWM3394)



GAIN AMP
V+BSW
R3609 10K
C3605 330p/50
IC3601 (1/2) NJM4565MD (NJM4565M)
R3605 4.7k
C3601 820p/50
C3613 STBY
C3603 820p/50
C3607 330p/50
R3607 4.7k
R3611 10K
R3610 10K
C3606 330p/50
IC3601 (2/2) NJM4565MD (NJM4565M)
R3606 4.7k
C3602 820p/50
C3614 STBY
C3604 820p/50
R3608 4.7k
C3608 330p/50
R3612 10K
R3601 4.7k
R3625 STBY
R3627 STBY
R3626 STBY
R3628 STBY
R3621 8.2
R3623 2.2k
LINE_OUT_L
B 3/5
C3609 10/16
C3623 0.1/25
C3621 10/25
R3624 STBY
D3603 UDZS12(B)
C3622 10/16
C3624 0.1/16
R3613 47k
R3614 47k
C3610 10/16
LINE_OUT_R
B 3/5
Q3602 RT1P241M (DTA124EUA)
B 2/5 RECMUTE
B 2/5 PWRCONT
LINE_IN_L
R3141 330
C3141 220p/50
C1342 220p/50
R3142 330
LINE_IN_R
B 2/5
AUDIO IN/OUT
CN3112 XKB3062
TVIN_L
TVIN_R
LINEOUT_L
LINEOUT_R
CN3111 AKB7114
R3615 1k
R3629 820
Q3603 (2/2) IMX9
R3619 220
R3618 4.7k
D3601 STBY
Q3601 (2/2) IMX9
C3611 820p/50
R3632 4.7k
R3631 4.7k
Q3603 (2/2) IMX9
R3617 4.7k
D3602 STBY
Q3601 (2/2) IMX9
C3612 820p/50
R3616 1k
R3630 820
R3620 220
GNDD
V+3R3
Q3901 STBY
R3111 22
C3119 0.1/16
C3120 10/10
Q3604 RT1P241M (DTA124EUA)
(AD)
PWM_P_8
PWM_M_8
PWM_P_7
PWM_M_7
PWM_P_4
PWM_M_4
PWM_P_3
PWM_M_3
PWM_P_2
PWM_M_2
PWM_P_1
PWM_M_1
C3118 0.1/16
R3114 10k
VR_PWM
DVDD_PWM
DVSS_PWM
PWM_P_8
PWM_M_8
PWM_P_7
PWM_M_7
VALID
DVSS
/BKND_ERR
DVDD
DVSS
DVSS
VR_DIG
SIND2
SDIN1
NC
SCLK
SDIN4
SDIN3
D3101 MC2846-11 (DAP202U)
VALID
XSD
B 5/5
R3110 STBY
V+3R3
R3109 STBY
C3115 0.47/10
C3116 0.1/16
C3117 10/10
GNDD
R3108 47
SCLK
SDATA4
SDATA3
SDATA2
SDATA1
XPDN
PWM
B 2/5
V+BSW
V+B
V+25
D3133 1SS352
D3134 UDZS15(B)
R3135 1k
Q3131 2SA1036K(QR)
R3131 47k
D3131 UDZS18(B)
R3136 STBY
R3133 1k
R3132 12k
Q3132 RT1N431M
R3134 2.2k
D3132 STBY
C3131 STBY
R3137 STBY
R3191 0.1(2W) ACN7112
R3199 8.2
R3198 STBY
R3194 100k
IC3191(2/2) BA10358F
R3192 10K
R3193 10K
R3196 2.2k
B 2/5 PCON
D3191 UDZS4.7(B)
R3197 10K
C3191 STBY
C3192 0.1/25
R3195 100k
GNDD
IC3191 (1/2) BA10358F
CN3201 B2P-VH
+B
GND
F CN2
V+5V
IC3171 NJM78L05UA
OUT IN COM
R3171 330
C3172 0.1/16
C3171 10/25
GNDD
KN3101 VNF1084-
CHASSIS_GND
STBY
resistor
2125 size RS1/10S***
3216 size RS1/8S***
1608 size RS1/16S***
capacitor
2125 size CKSQ**
1608 size CCSR** CKSR**

(AD) : AUDIO DATA SIGNAL ROUTE

10.7 SYSMAIN ASSY (5/5)

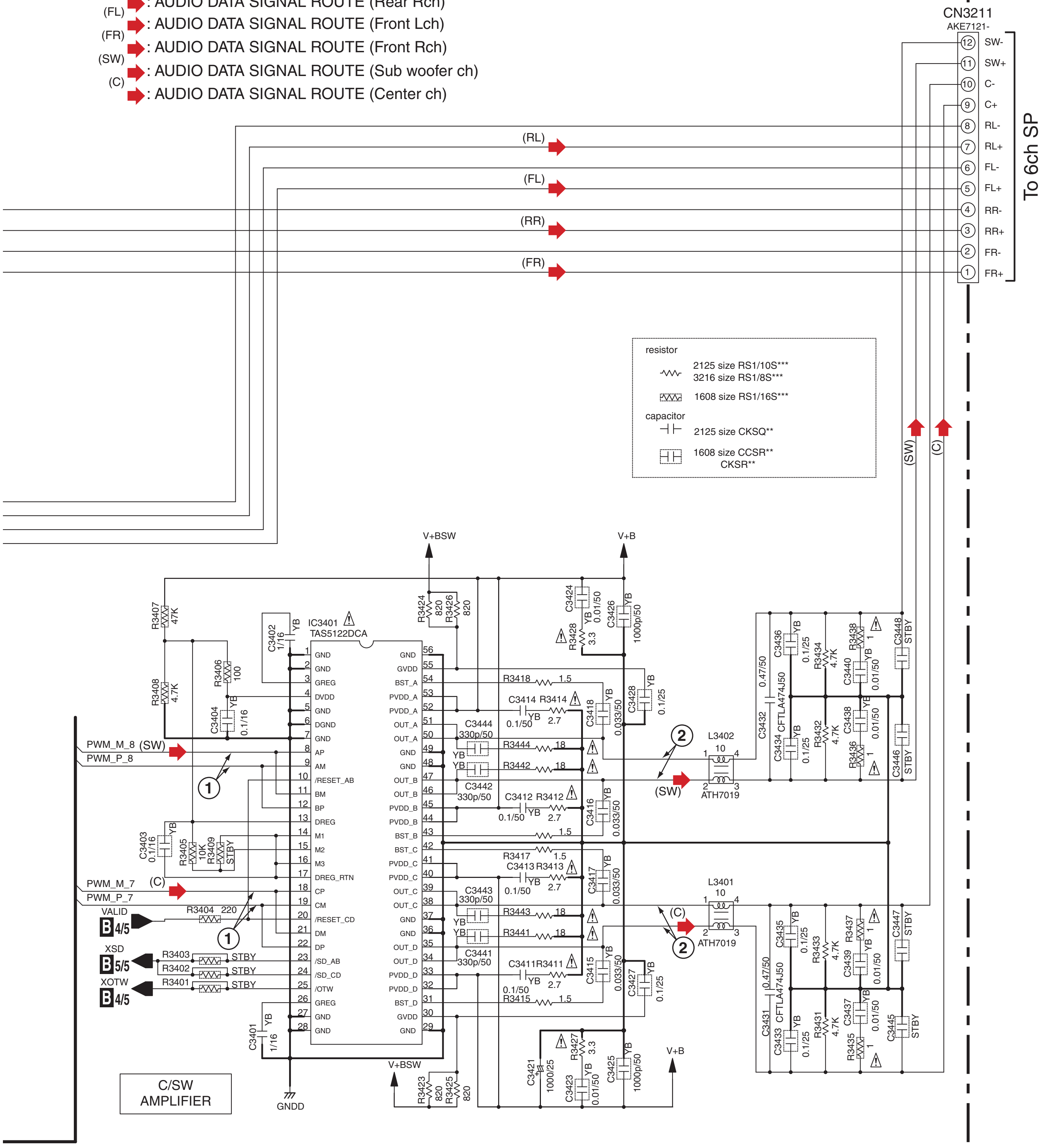

B 4/5
PWM
V+BSW
V+B
IC3201
TAS5122DCA
R3207 47K
R3208 4.7K
R3206 100
C3202 1/16 YB
C3204 0.1/16 YB
R3224 820
R3226 820
C3224 0.01/50 YB
R3228 3.3
C3226 1000p/50 YB
PWM_M_3 (RR)
PWM_P_3
1 GND
2 GND
3 GREG
4 DVDD
5 GND
6 DGND
7 GND
8 AP
9 AM
10 /RESET_AB
11 BM
12 BP
13 DREG
14 M1
15 M2
16 M3
17 DREG_RTN
18 CP
19 CM
20 /RESET_CD
21 DM
22 DP
23 /SD_AB
24 /SD_CD
25 /OTW
26 GREG
27 GND
28 GND
56 GND
55 GVDD
54 BST_A
53 PVDD_A
52 PVDD_A
51 OUT_A
50 OUT_A
49 GND
48 GND
47 OUT_B
46 OUT_B
45 PVDD_B
44 PVDD_B
43 BST_B
42 BST_C
41 PVDD_C
40 PVDD_C
39 OUT_C
38 OUT_C
37 GND
36 GND
35 OUT_D
34 OUT_D
33 PVDD_D
32 PVDD_D
31 BST_D
30 GVDD
29 GND
R3218 1.5
C3214 0.1/50 YB
R3214 2.7
C3218 0.033/50 YB
C3228 0.1/25 YB
C3244 330p/50
R3244 18
R3242 18
C3242 330p/50
C3212 0.1/50 YB
R3212 2.7
C3216 0.033/50 YB
R3216 1.5
R3217 1.5
C3213 0.1/50 YB
R3213 2.7
C3217 0.033/50 YB
C3243 330p/50
R3243 18
R3241 18
C3241 330p/50
C3211 0.1/50 YB
R3215 2.7
C3215 0.033/50 YB
C3227 0.1/25 YB
1.5
L3202 10 ATH7019
(RR)
L3201 10 ATH7019
(FR)
C3223 0.47/50
CFTLA474J50
C3236 0.1/25 YB
R3234 4.7K
C3240 0.01/50 YB
R3238 1
C3248 STBY
C3234 0.1/25 YB
R3232 4.7K
C3238 0.01/50 YB
R3236 1
C3246 STBY
C3235 0.1/25 YB
R3233 4.7K
C3239 0.01/50 YB
R3237 1
C3247 STBY
C3231 0.47/50
C3233 0.1/25 YB
R3231 4.7K
C3237 0.01/50 YB
R3235 1
C3245 STBY
C3203 0.1/16 YB
R3205 10K
R3209 STBY
PWM_M_1 (FR)
PWM_P_1
B 4/5 VALID
R3204 220
B 5/5 XSD
R3203 STBY
R3202 STBY
B 4/5 XOTW
R3201 STBY
C3201 1/16 YB
FR/RR AMPLIFIER
GNDD
R3223 820
R3225 820
C3221 1000/25
R3227 3.3
C3223 0.01/50 YB
C3225 1000p/50 YB
IC3301
R3307 47K
R3308 4.7K
R3306 100
C3302 1/16 YB
C3304 0.1/16 YB
R3324 820
R3326 820
C3324 0.01/50 YB
R3328 3.3
C3326 1000p/50 YB
PWM_M_4 (RL)
PWM_P_4
R3318 1.5
C3314 0.1/50 YB
R3314 2.7
C3318 0.033/50 YB
C3328 0.1/25 YB
C3344 330p/50
R3344 18
R3342 18
C3342 330p/50
C3312 0.1/50 YB
R3312 2.7
C3316 0.033/50 YB
R3316 1.5
R3317 1.5
C3313 0.1/50 YB
R3313 2.7
C3317 0.033/50 YB
C3343 330p/50
R3343 18
R3341 18
C3341 330p/50
C3311 0.1/50 YB
R3311 2.7
C3315 0.033/50 YB
C3327 0.1/25 YB
L3302 10 ATH7019
(RL)
L3301 10 ATH7019
(FL)
C3332 0.47/50
C3336 0.1/25 YB
R3334 4.7K
C3340 0.01/50 YB
R3338 1
C3348 STBY
C3334 0.1/25 YB
R3332 4.7K
C3338 0.01/50 YB
R3336 1
C3346 STBY
C3335 0.1/25 YB
R3333 4.7K
C3339 0.01/50 YB
R3337 1
C3347 STBY
C3331 0.47/50
C3333 0.1/25 YB
R3331 4.7K
C3337 0.01/50 YB
R3335 1
C3345 STBY
C3303 0.1/16 YB
R3305 10K
R3309 STBY
PWM_M_2 (FL)
PWM_P_2
R3304 220
R3303 STBY
R3302 STBY
R3301 STBY
C3301 1/16 YB
FL/RL AMPLIFIER
R3323 820
R3325 820
C3321 1000/25
R3327 3.3
C3323 0.01/50 YB
C3325 1000p/50 YB
①
②

LAYOUT NOTE :
L325X L335X L345X are PCB track inductors approx.
50mm long and 1mm wide

B 5/5 SYSMAIN ASSY

(XV-DV575 : XWM3392) (XV-DV580 : XWM3395)
(XV-DV385K : XWM3391) (XV-DV395K : XWM3394)

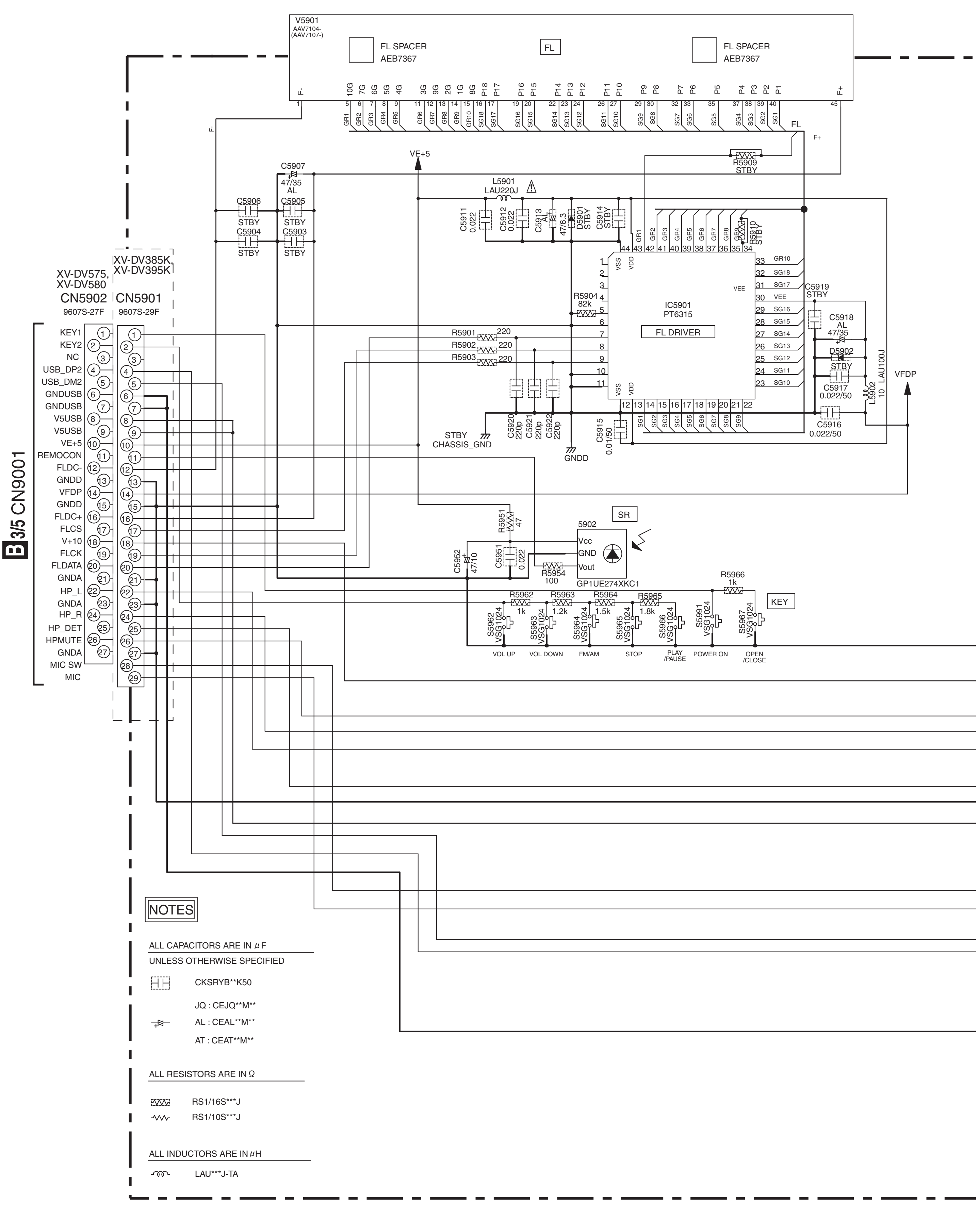
(RL) ➡: AUDIO DATA SIGNAL ROUTE (Rear Lch)
(RR) ➡: AUDIO DATA SIGNAL ROUTE (Rear Rch)
(FL) ➡: AUDIO DATA SIGNAL ROUTE (Front Lch)
(FR) ➡: AUDIO DATA SIGNAL ROUTE (Front Rch)
(SW) ➡: AUDIO DATA SIGNAL ROUTE (Sub woofer ch)
(C) ➡: AUDIO DATA SIGNAL ROUTE (Center ch)



CN3211
AKE7121-
12 SW-
11 SW+
10 C-
9 C+
8 RL-
7 RL+
6 FL-
5 FL+
4 RR-
3 RR+
2 FR-
1 FR+
To 6ch SP
(RL)
(FL)
(RR)
(FR)
(SW)
(C)
resistor
2125 size RS1/10S***
3216 size RS1/8S***
1608 size RS1/16S***
capacitor
2125 size CKSQ**
1608 size CCSR**
CKSR**
V+BSW
V+B
IC3401
TAS5122DCA
1 GND
2 GND
3 GREG
4 DVDD
5 GND
6 DGND
7 GND
8 AP
9 AM
10 /RESET_AB
11 BM
12 BP
13 DREG
14 M1
15 M2
16 M3
17 DREG_RTN
18 CP
19 CM
20 /RESET_CD
21 DM
22 DP
23 /SD_AB
24 /SD_CD
25 /OTW
26 GREG
27 GND
28 GND
56 GND
55 GVDD
54 BST_A
53 PVDD_A
52 PVDD_A
51 OUT_A
50 OUT_A
49 GND
48 GND
47 OUT_B
46 OUT_B
45 PVDD_B
44 PVDD_B
43 BST_B
42 BST_C
41 PVDD_C
40 PVDD_C
39 OUT_C
38 OUT_C
37 GND
36 GND
35 OUT_D
34 OUT_D
33 PVDD_D
32 PVDD_D
31 BST_D
30 GVDD
29 GND
R3407 47K
R3408 4.7K
R3406 100
C3402 1/16 YB
C3404 0.1/16 YB
C3403 0.1/16 YB
R3405 10K
R3409 STBY
PWM_M_8 (SW)
PWM_P_8
PWM_M_7 (C)
PWM_P_7
VALID B 4/5
R3404 220
XSD B 5/5
R3403 STBY
R3402 STBY
XOTW B 4/5
R3401 STBY
C3401 1/16 YB
GNDD
C/SW AMPLIFIER
R3424 820
R3426 820
R3423 820
R3425 820
C3424 0.01/50 YB
R3428 3.3
C3426 1000p/50 YB
R3418 1.5
C3414 R3414 0.1/50 YB 2.7
C3444 330p/50
R3444 18
R3442 18
C3442 330p/50
C3412 R3412 0.1/50 YB 2.7
R3417 1.5
C3413 R3413 0.1/50 YB 2.7
C3443 330p/50
R3443 18
R3441 18
C3441 330p/50
C3411 R3411 0.1/50 YB 2.7
R3415 1.5
C3418 0.033/50 YB
C3428 0.1/25 YB
C3416 0.033/50 YB
C3417 0.033/50 YB
C3415 0.033/50 YB
C3427 0.1/25 YB
C3421 1000/25
C3423 0.01/50 YB
R3427 3.3
C3425 1000p/50 YB
L3402 10
ATH7019
L3401 10
ATH7019
C3432 0.47/50
C3434 CFTLA474J50
C3436 0.1/25 YB
R3434 4.7K
R3438 1
C3440 0.01/50 YB
C3448 STBY
R3432 4.7K
C3438 0.01/50 YB
R3436 1
C3446 STBY
C3431 0.47/50
C3433 CFTLA474J50
C3435 0.1/25 YB
R3433 4.7K
R3437 1
C3439 0.01/50 YB
C3447 STBY
R3431 4.7K
C3437 0.01/50 YB
R3435 1
C3445 STBY
①
②

NOTICE
R3211~R3214,R3311~R3314,R3411~R3414 : ACN7148-(2.7Ω)(SUB:ACN7141-(2.7Ω)) (2W)

10.8 COMPLEX ASSY



A
B
C
D
E
F
V5901
AAV7104-
(AAV7107-)
FL SPACER
AEB7367
FL
FL SPACER
AEB7367
F-
10G 7G 6G 5G 4G 3G 9G 2G 1G 8G P18 P17 P16 P15 P14 P13 P12 P11 P10 P9 P8 P7 P6 P5 P4 P3 P2 P1
F+
GR1 GR2 GR3 GR4 GR5 GR6 GR7 GR8 GR9 GR10 SG18 SG17 SG16 SG15 SG14 SG13 SG12 SG11 SG10 SG9 SG8 SG7 SG6 SG5 SG4 SG3 SG2 SG1
VE+5
C5907
47/35
AL
L5901
LAU220J
R5909
STBY
C5906
STBY
C5905
STBY
C5904
STBY
C5903
STBY
C5911
0.022
C5912
0.022
C5913
AL
47/6.3
D5901
STBY
C5914
STBY
R5910
STBY
XV-DV385K,
XV-DV395K
XV-DV575,
XV-DV580
CN5902
9607S-27F
CN5901
9607S-29F
KEY1
KEY2
NC
USB_DP2
USB_DM2
GNDUSB
GNDUSB
V5USB
V5USB
VE+5
REMOCON
FLDC-
GNDD
VFDP
GNDD
FLDC+
FLCS
V+10
FLCK
FLDATA
GNDA
HP_L
GNDA
HP_R
HP_DET
HPMUTE
GNDA
MIC SW
MIC
B 3/5 CN9001
R5904
82k
R5901 220
R5902 220
R5903 220
IC5901
PT6315
FL DRIVER
VSS
VDD
VEE
C5919
STBY
C5918
AL
47/35
D5902
STBY
C5917
0.022/50
L5902
10
LAU100J
VFDP
C5916
0.022/50
C5915
0.01/50
C5920
220p
C5921
220p
C5922
220p
STBY
CHASSIS_GND
GNDD
SR
5902
Vcc
GND
Vout
GP1UE274XKC1
R5951
47
C5951
0.022
C5952
47/10
R5954
100
R5966
1k
KEY
R5962
1k
R5963
1.2k
R5964
1.5k
R5965
1.8k
S5962
VSG1024
S5963
VSG1024
S5964
VSG1024
S5965
VSG1024
S5966
VSG1024
S5991
VSG1024
S5967
VSG1024
VOL UP
VOL DOWN
FM/AM
STOP
PLAY
/PAUSE
POWER ON
OPEN
/CLOSE

NOTES

ALL CAPACITORS ARE IN μF
UNLESS OTHERWISE SPECIFIED

CKSRYB**K50

JQ : CEJQ**M**
AL : CEAL**M**
AT : CEAT**M**

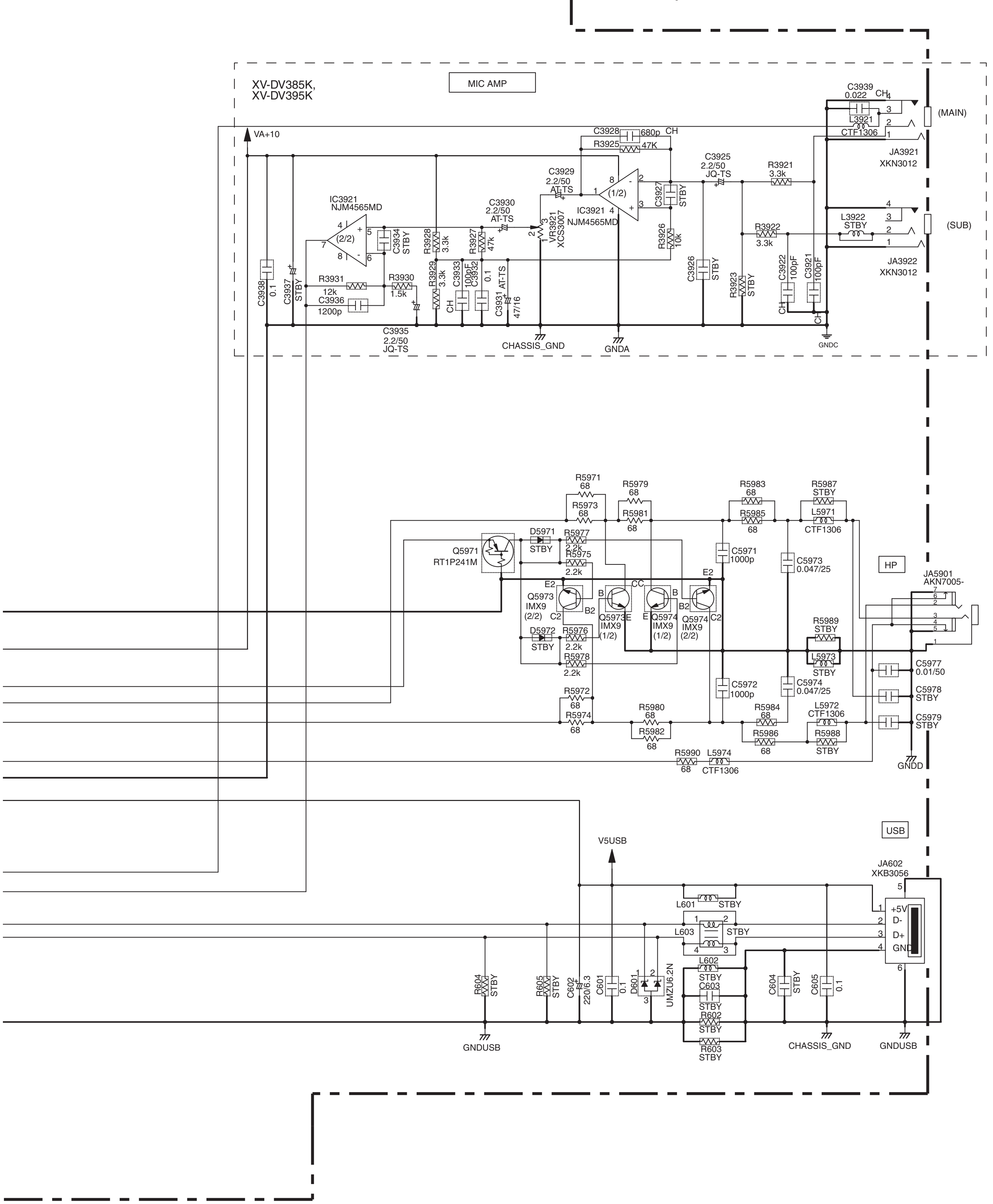
ALL RESISTORS ARE IN Ω

RS1/16S***J
RS1/10S***J

ALL INDUCTORS ARE IN μH

LAU***J-TA

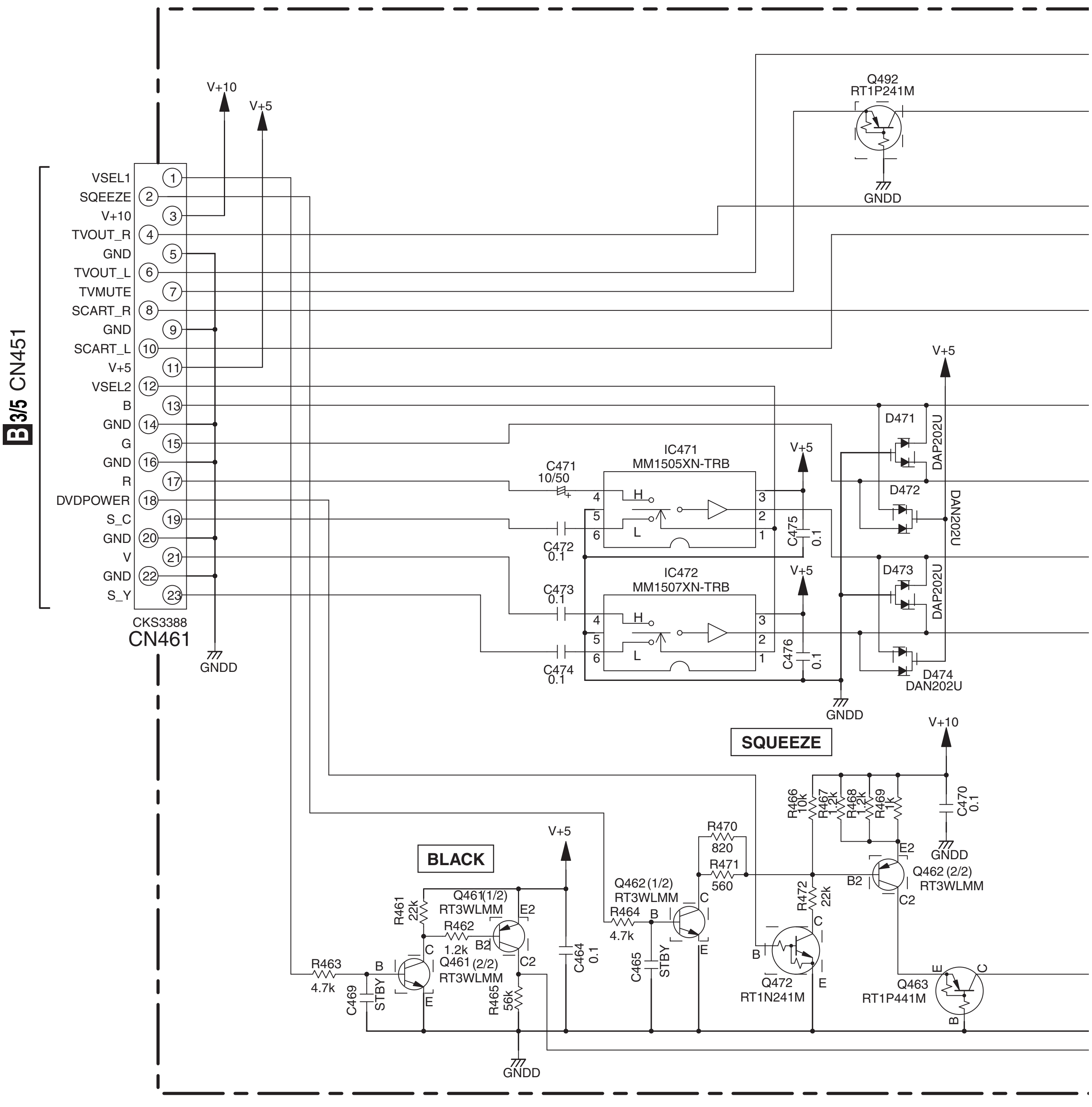
C COMPLEX ASSY
(XV-DV575, XV-DV580 : XWM3429)
(XV-DV385K, XV-DV395K : XWM3428)



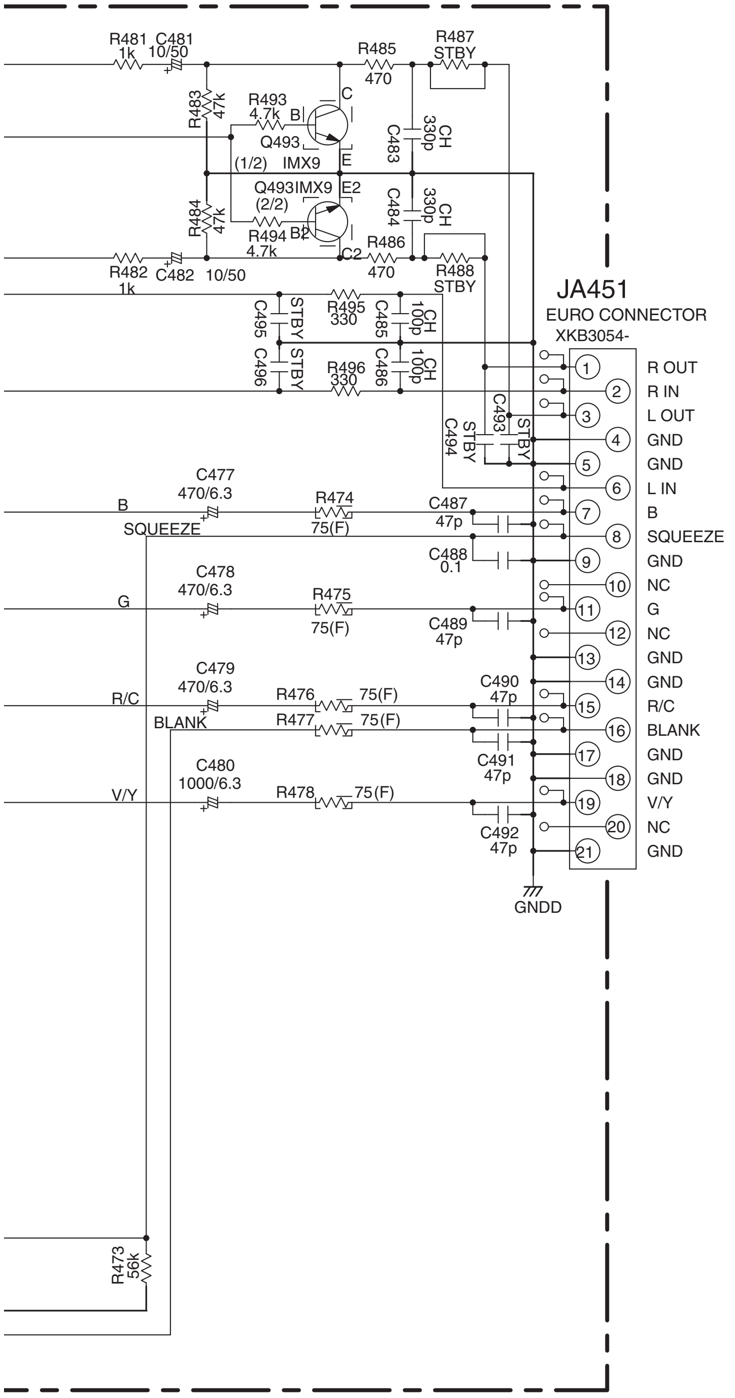
XV-DV385K,
XV-DV395K
MIC AMP
VA+10
IC3921
NJM4565MD
(2/2)
(1/2)
C3939
0.022
CH
L3921
CTF1306
(MAIN)
JA3921
XKN3012
C3928
680p
CH
R3925
47K
C3929
2.2/50
AT-TS
C3925
2.2/50
JQ-TS
R3921
3.3k
C3927
STBY
C3930
2.2/50
AT-TS
VR3921
XCS3007
R3926
10k
L3922
STBY
(SUB)
R3922
3.3k
JA3922
XKN3012
C3934
STBY
R3928
3.3k
R3927
47k
R3929
3.3k
C3933
100pF
C3932
0.1
C3931
AT-TS
47/16
CH
C3926
STBY
R3923
STBY
C3922
100pF
C3921
100pF
C3938
0.1
C3937
STBY
R3931
12k
C3936
1200p
R3930
1.5k
C3935
2.2/50
JQ-TS
CHASSIS_GND
GNDA
GNDC
R5971
68
R5973
68
R5979
68
R5981
68
R5983
68
R5985
68
R5987
STBY
L5971
CTF1306
D5971
STBY
R5977
2.2k
R5975
2.2k
Q5971
RT1P241M
C5971
1000p
C5973
0.047/25
HP
JA5901
AKN7005-
E2
Q5973
IMX9
(2/2)
C2
B2
B
CC
Q5973E
IMX9
(1/2)
E
Q5974
IMX9
(1/2)
B
Q5974
IMX9
(2/2)
C2
D5972
STBY
R5976
2.2k
R5978
2.2k
R5989
STBY
L5973
STBY
C5977
0.01/50
C5972
1000p
C5974
0.047/25
C5978
STBY
R5972
68
R5974
68
R5980
68
R5982
68
R5984
68
R5986
68
L5972
CTF1306
R5988
STBY
C5979
STBY
R5990
68
L5974
CTF1306
GNDD
USB
V5USB
JA602
XKB3056
L601
STBY
L603
STBY
+5V
D-
D+
GND
L602
STBY
C603
STBY
R602
STBY
R603
STBY
R604
STBY
R605
STBY
C602
220/6.3
C601
0.1
D601
UMZU6.2N
C604
STBY
C605
0.1
GNDUSB
CHASSIS_GND
GNDUSB

10.9 EUROSCART ASSY

D EURO SCART ASSY (AWU8291)



B 3/5 CN451
VSEL1
SQEEZE
V+10
TVOUT_R
GND
TVOUT_L
TVMUTE
SCART_R
GND
SCART_L
V+5
VSEL2
B
GND
G
GND
R
DVDPOWER
S_C
GND
V
GND
S_Y
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
CKS3388
CN461
GNDD
V+10
V+5
Q492
RT1P241M
GNDD
V+5
D471
DAP202U
D472
DAN202U
D473
DAP202U
D474
DAN202U
IC471
MM1505XN-TRB
C471
10/50
C472
0.1
C475
0.1
IC472
MM1507XN-TRB
C473
0.1
C474
0.1
C476
0.1
H
L
GNDD
SQUEEZE
V+10
R466
10k
R467
1.2k
R468
1.2k
R469
1k
C470
0.1
GNDD
R470
820
R471
560
R472
22k
Q462 (2/2)
RT3WLMM
E2
B2
C2
Q472
RT1N241M
Q463
RT1P441M
Q462 (1/2)
RT3WLMM
R464
4.7k
C465
STBY
BLACK
V+5
Q461 (1/2)
RT3WLMM
R461
22k
R462
1.2k
Q461 (2/2)
RT3WLMM
R463
4.7k
C469
STBY
R465
56k
C464
0.1
GNDD
B
C
E



R481
1k
C481
10/50
R485
470
R487
STBY
R483
47k
R493
4.7k
B
C
Q493
(1/2)
IMX9
E
C483
330p
CH
Q493IMX9
(2/2)
E2
C484
330p
CH
R484
47k
R494
4.7k
B2
C2
R486
470
R488
STBY
R482
1k
C482
10/50
C495
STBY
R495
330
C485
100p
CH
C496
STBY
R496
330
C486
100p
CH
C493
STBY
C494
STBY
JA451
EURO CONNECTOR
XKB3054-
1 R OUT
2 R IN
3 L OUT
4 GND
5 GND
6 L IN
7 B
8 SQUEEZE
9 GND
10 NC
11 G
12 NC
13 GND
14 GND
15 R/C
16 BLANK
17 GND
18 GND
19 V/Y
20 NC
21 GND
C477
470/6.3
B
SQUEEZE
R474
75(F)
C487
47p
C488
0.1
C478
470/6.3
G
R475
75(F)
C489
47p
C479
470/6.3
R/C
BLANK
R476
75(F)
R477
75(F)
C490
47p
C491
47p
C480
1000/6.3
V/Y
R478
75(F)
C492
47p
GNDD
R473
56k

NOTES

ALL CAPACITORS ARE IN μF
UNLESS OTHERWISE SPECIFIED

CKSRYB**K50

JQ : CEJQ**M**
AL : CEAL**M**
AT : CEAT**M**

ALL RESISTORS ARE IN Ω

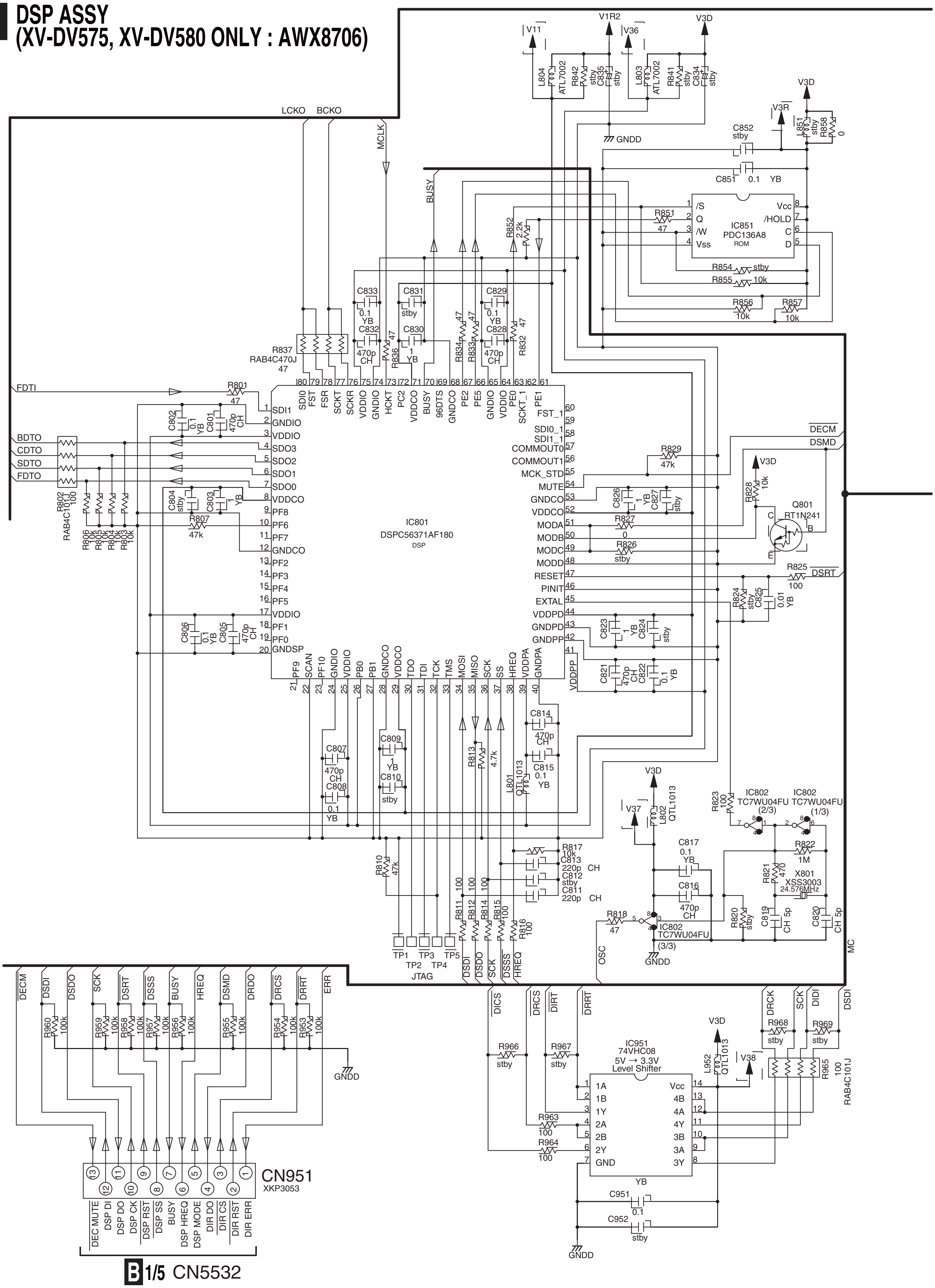
RS1/16S***J
RS1/10S***J

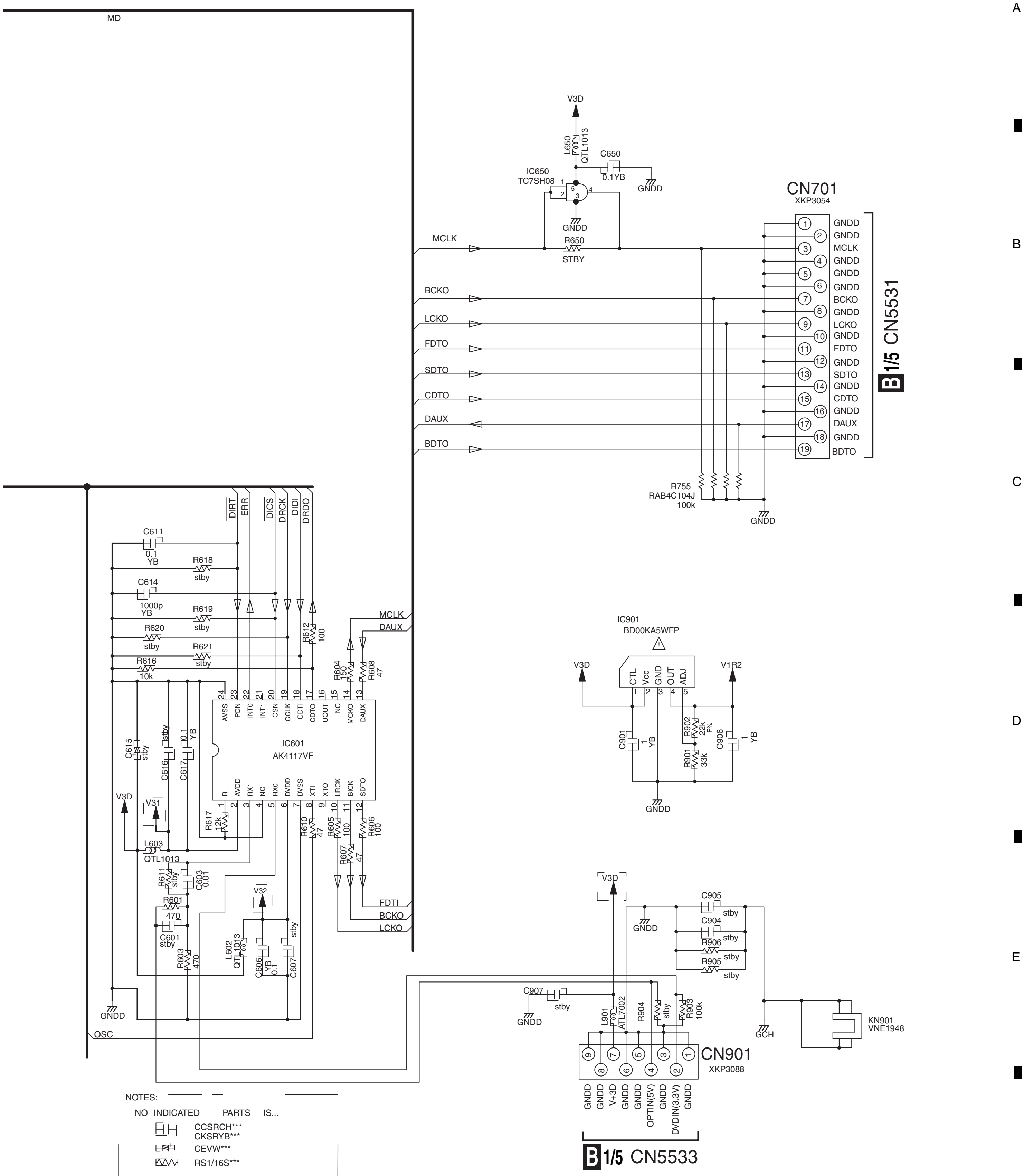
ALL INDUCTORS ARE IN μH

LCYA***J2520

10.10 DSP ASSY (XV-DV575, XV-DV580 ONLY)

E DSP ASSY
(XV-DV575, XV-DV580 ONLY : AWX8706)


A
B
C
D
E
F
V11
V1R2
V36
V3D
L804
ATL7002
R842 stby
C835 stby
L803
ATL7002
R841 stby
C834 stby
GNDD
V3R
L851 stby
R858 0
C852 stby
C851 0.1 YB
LCKO
BCKO
MCLK
BUSY
R852 2.2k
IC851
PDC136A8
ROM
/S
Q
/W
Vss
Vcc
/HOLD
C
D
R851 47
R854 stby
R855 10k
R856 10k
R857 10k
C833 0.1 YB
C832 470p CH
C831 stby
C830 1 YB
C829 0.1 YB
C828 470p CH
R836 47
R834 47
R833 47
R832 47
R837
RAB4C470J
47
FDTI
R801 47
BDTO
CDTO
SDTO
FDTO
R802
RAB4C101J
100
C802 0.1 YB
C801 470p CH
C804 stby
C803 1 YB
R807 47k
R806 10k
R805 10k
R804 10k
R803 10k
C806 0.1 YB
C805 470p CH
IC801
DSPC56371AF180
DSP
SDI1
GNDIO
VDDIO
SDO3
SDO2
SDO1
SDO0
VDDCO
PF8
PF6
PF7
GNDCO
PF2
PF3
PF4
PF5
VDDIO
PF1
PF0
GNDSP
SDI0
FST
FSR
SCKT
SCKR
VDDIO
GNDIO
HCKT
PC2
VDDCO
BUSY
96DTS
GNDCO
PE2
PE5
GNDIO
VDDIO
PE0
SCKT_1
PE1
FST_1
SDI0_1
SDI1_1
COMMOUT0
COMMOUT1
MCK_STD
MUTE
GNDCO
VDDCO
MODA
MODB
MODC
MODD
RESET
PINIT
EXTAL
VDDPD
GNDPD
GNDPP
VDDPP
PF9
SCAN
PF10
GNDIO
VDDIO
PB0
PB1
GNDCO
VDDCO
TDO
TDI
TCK
TMS
MOSI
MISO
SCK
SS
HREQ
VDDPA
GNDPA
R829 47k
C826 1 YB
C827 stby
R827 0
R826 stby
R828 10k
Q801
RT1N241
C
B
E
DECM
DSMD
R825 100
DSRT
R824 stby
C825 0.01 YB
C823 1 YB
C824 stby
C821 470p CH
C822 0.1 YB
C814 470p CH
C815 0.1 YB
R813 4.7k
L801 QTL1013
C807 470p CH
C808 0.1 YB
C809 1 YB
C810 stby
R810 47k
R817 10k
C813 220p CH
C812 stby
C811 220p CH
R811 100
R812 100
R814 100
R815 100
R816 100
TP1
TP2
TP3
TP4
TP5
JTAG
DSDI
DSDO
SCK
DSSS
HREQ
OSC
V37
L802 QTL1013
C817 0.1 YB
C816 470p CH
R818 47
IC802
TC7WU04FU
(3/3)
(2/3)
(1/3)
R823 100
R822 1M
R821 470
X801
XSS3003
24.576MHz
R820 stby
C819 5p CH
C820 5p CH
MC
DECM
DSDI
DSDO
SCK
DSRT
DSSS
BUSY
HREQ
DSMD
DRDO
DRCS
DRRT
ERR
R960 100k
R959 100k
R958 100k
R957 100k
R956 100k
R955 100k
R954 100k
R953 100k
GNDD
CN951
XKP3053
DEC MUTE
DSP DI
DSP DO
DSP CK
DSP RST
DSP SS
BUSY
DSP HREQ
DSP MODE
DIR DO
DIR CS
DIR RST
DIR ERR
B 1/5 CN5532
DICS
DRCS
DIRT
DRRT
DRCK
SCK
DIDI
DSDI
R966 stby
R967 stby
R968 stby
R969 stby
IC951
74VHC08
5V → 3.3V
Level Shifter
1A
1B
1Y
2A
2B
2Y
GND
Vcc
4B
4A
4Y
3B
3A
3Y
R963 100
R964 100
L952 QTL1013
V38
R965
100
RAB4C101J
YB
C951 0.1
C952 stby
GNDD


MD
V3D
L650
QTL1013
C650
0.1YB
GNDD
IC650
TC7SH08
R650
STBY
MCLK
BCKO
LCKO
FDTO
SDTO
CDTO
DAUX
BDTO
CN701
XKP3054
GNDD
GNDD
MCLK
GNDD
GNDD
GNDD
BCKO
GNDD
LCKO
GNDD
FDTO
GNDD
SDTO
GNDD
CDTO
GNDD
DAUX
GNDD
BDTO
B 1/5 CN5531
R755
RAB4C104J
100k
GNDD
DIRT
ERR
DICS
DRCK
DIDI
DRDO
C611
0.1
YB
R618
stby
C614
1000p
YB
R619
stby
R620
stby
R621
stby
R616
10k
R612
100
R604
150
R608
47
MCLK
DAUX
AVSS
PDN
INT0
INT1
CSN
CCLK
CDTI
CDTO
UOUT
NC
MCKO
DAUX
IC601
AK4117VF
R
AVDD
RX1
NC
RX0
DVDD
DVSS
XTI
XTO
LRCK
BICK
SDTO
C615
stby
C616
stby
C617
0.1
YB
V3D
V31
R617
12k
L603
QTL1013
R610
47
R605
100
R606
100
R607
47
R611
stby
C603
0.01
R601
470
C601
stby
R603
470
V32
L602
QTL1013
C606
YB
0.1
C607
stby
FDTI
BCKO
LCKO
GNDD
OSC
IC901
BD00KA5WFP
V3D
V1R2
CTL
Vcc
GND
OUT
ADJ
C901
1
YB
R902
22k
F%
R901
33k
C906
1
YB
GNDD
V3D
C905
stby
C904
stby
R906
stby
R905
stby
GNDD
C907
stby
GNDD
L901
ATL7002
R904
stby
R903
100k
GCH
KN901
VNE1948
CN901
XKP3088
GNDD
GNDD
V+3D
GNDD
GNDD
OPTIN(5V)
GNDD
DVDIN(3.3V)
GNDD
B 1/5 CN5533

NOTES:

NO INDICATED PARTS IS...

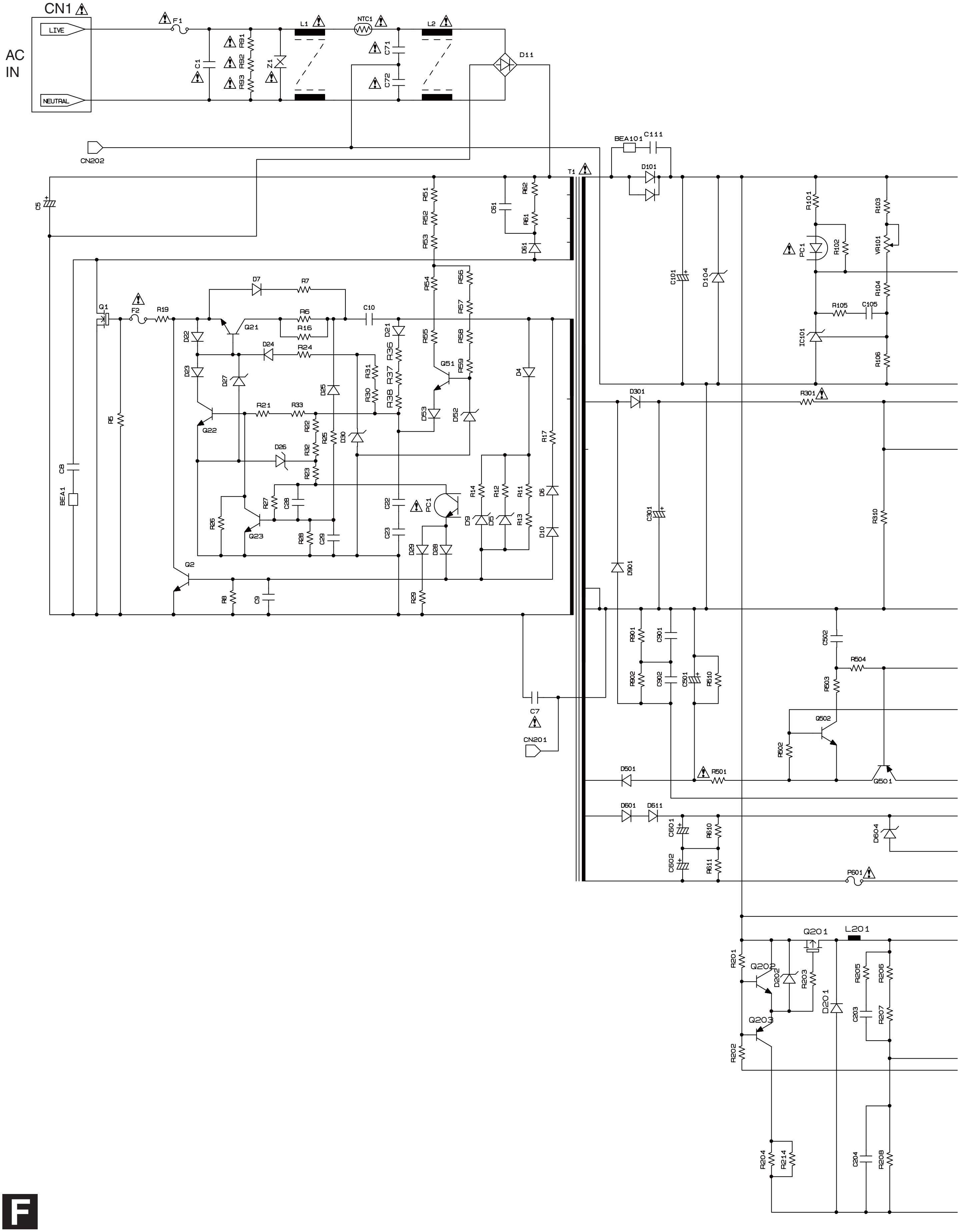
CCSRCH***
CKSRYB***

CEVW***

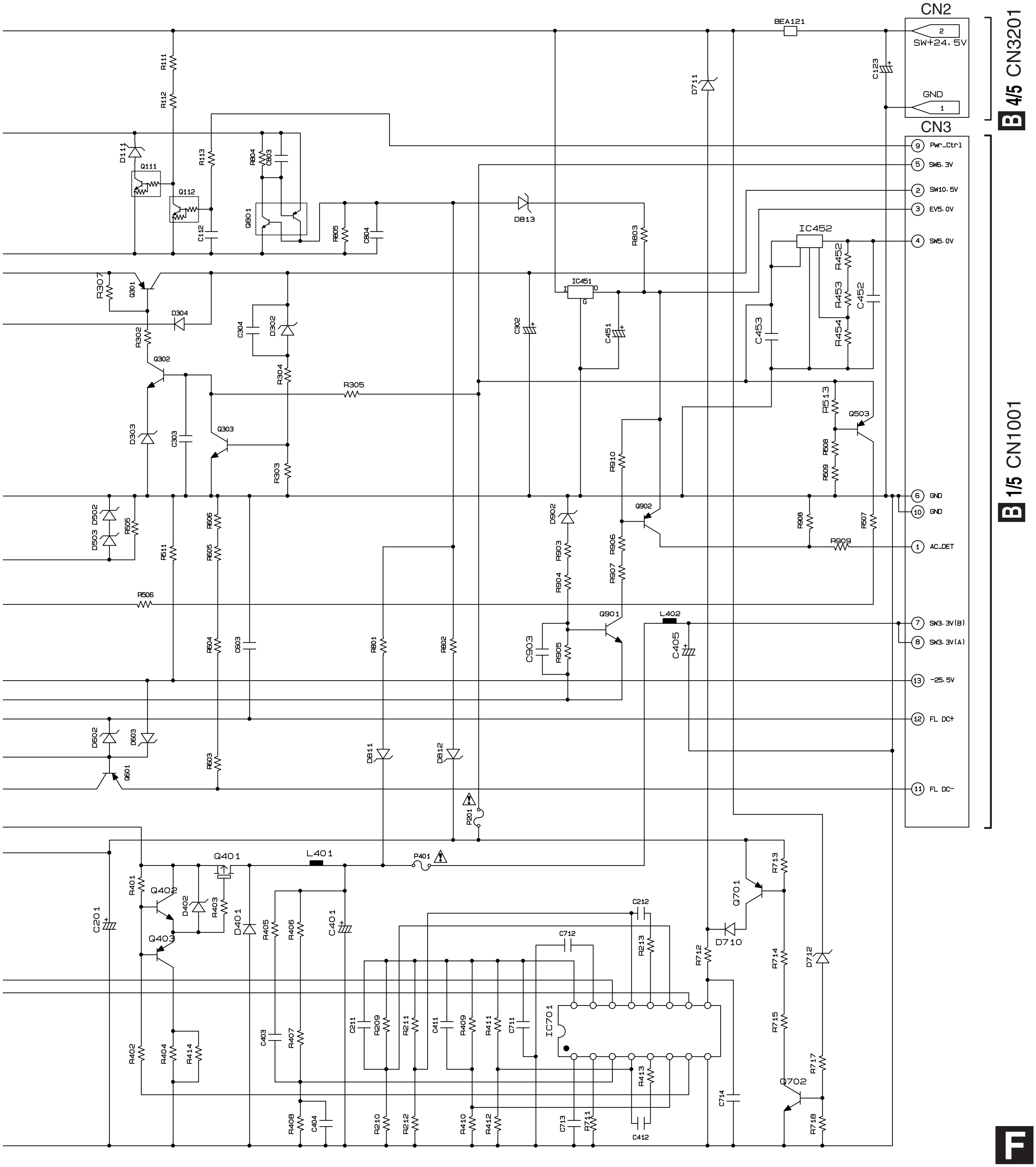
RS1/16S***

UNLESS OTHERWISE NOTED

10.11 POWER SUPPLY UNIT


A
B
C
D
E
F
CN1
AC
IN
LIVE
NEUTRAL
F1
C1
R91
R92
R93
Z1
L1
NTC1
C71
C72
L2
D11
CN202
BEA101
C111
T1
D101
C5
R51
R52
R53
C61
R62
R61
D61
C101
D104
R101
PC1
R102
R103
VR101
R104
R105
C105
IC101
R106
Q1
F2
R19
D7
R7
R6
R16
C10
Q21
D22
D24
R24
D21
R36
R37
R38
R55
R54
R56
R57
R58
R59
Q51
D23
D27
R31
R30
D25
R21
R33
D53
D52
D4
R5
Q22
R22
R25
D30
R32
D26
R23
R17
C8
BEA1
R27
C28
R26
Q23
R28
C29
C22
C23
PC1
R14
R12
R11
D9
D5
R13
D6
D10
D29
D28
Q2
R8
C9
R29
D301
R301
C301
R310
D901
R901
C901
R902
C902
C501
R510
C502
R504
R503
C7
CN201
Q502
R502
D501
R501
Q501
D601
D611
C601
R610
D604
C602
R611
P601
Q201
L201
R201
Q202
D202
R203
R205
R206
D201
C203
R207
Q203
R202
R204
R214
C204
R208

F POWER SUPPLY UNIT
(XWR3018)

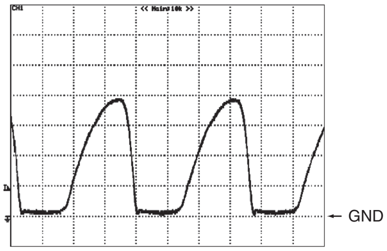

CN2
BEA121
2
SW+24.5V
GND
1
C123
D711
B 4/5 CN3201
CN3
9 Pwr_Ctrl
5 SW6.3V
2 SW10.5V
3 EV5.0V
4 SW5.0V
6 GND
10 GND
1 AC_DET
7 SW3.3V(B)
8 SW3.3V(A)
13 -25.5V
12 FL DC+
11 FL DC-
B 1/5 CN1001
R111
R112
R113
R804
C803
D111
Q111
Q112
C112
Q801
R805
C804
D813
R803
IC452
R452
R453
C452
R454
C453
IC451
I
O
G
C302
C451
R307
Q301
D304
R302
C304
D302
Q302
R304
R305
D303
C303
Q303
R303
R513
Q503
R508
R509
R910
D902
Q902
R908
R907
R909
D503
D502
R505
R511
R506
R605
R604
C603
R801
R802
R903
R904
R906
Q901
L402
C903
R905
C405
D602
D603
Q601
R603
D811
D812
R201
P401
Q401
L401
C201
R401
Q402
D402
R403
D401
R405
R406
C401
Q403
C212
C712
R213
R712
D710
Q701
R713
R714
D712
R715
C211
R209
R211
C411
R409
R411
C711
IC701
C403
R407
R402
R404
R414
R413
C714
R717
Q702
R408
C404
R210
R212
R410
R412
C713
R711
C412
R718

10.12 WAVEFORMS

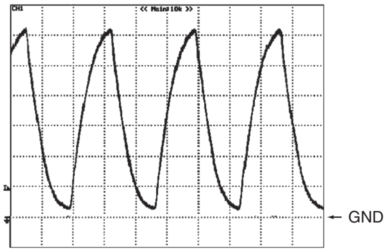
Note : The encircled numbers denote measuring point in the schematic diagram.

A 08 DVDM ASSY

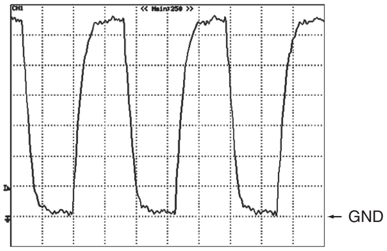
⓪ **X201 [XTALO]**
V: 0.5 V/div. H: 10 ns/div.
It must be mesured by High-impedance probe.



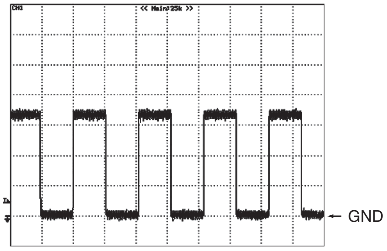
① **IC201 - pin 231 [ACLK]**
V: 0.5 V/div. H: 10 ns/div.
It must be mesured by High-impedance probe.



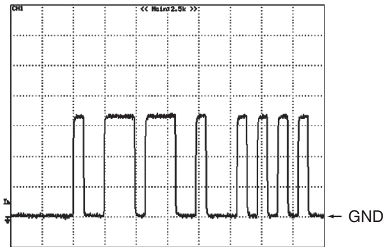
② **IC201 - pin 230 [ABCK]**
V: 0.5 V/div. H: 50 ns/div.
It must be mesured by High-impedance probe.



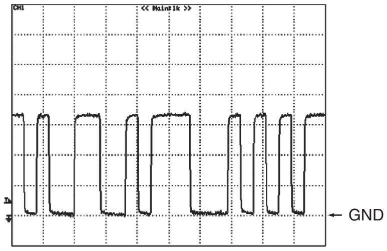
③ **IC201 - pin 227 [ALRCK]**
V: 1 V/div. H: 5 µs/div.
It must be mesured by High-impedance probe.



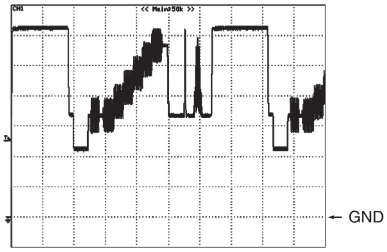
④ **IC201 - pin 226, 225, 223 [ASDATA0/1/2]**
V: 1 V/div. H: 500 ns/div.
It must be mesured by High-impedance probe.



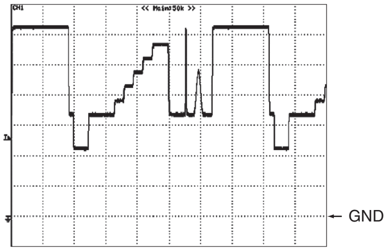
⑤ **IC201 - pin 215 [ASPDIF]**
V: 1 V/div. H: 200 ns/div.
It must be mesured by High-impedance probe.



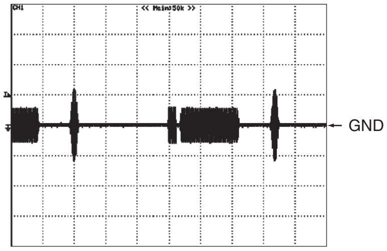
⑥ **IC401 - pin 23 [CVBSOUT]**
V: 0.5 V/div. H: 10 µs/div.
Playing DVD-REF-A1 Tr.2 Cp.1



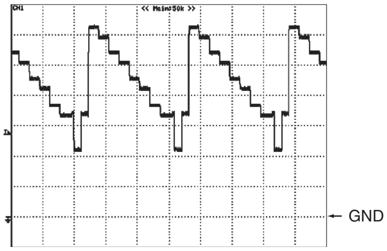
⑦ **IC401 - pin 21 [YOUT]**
V: 0.5 V/div. H: 10 µs/div.
Playing DVD-REF-A1 Tr.2 Cp.1



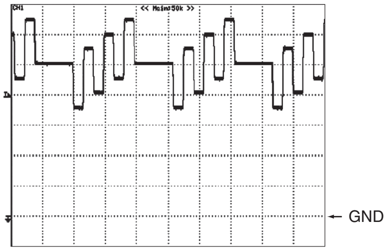
⑧ **IC401 - pin 26 [COUT]**
V: 0.5 V/div. H: 10 µs/div.
Playing DVD-REF-A1 Tr.2 Cp.1



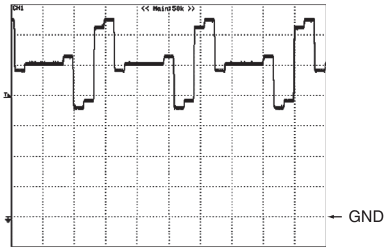
⑨ **IC401 - pin 20 [CYOUT]**
V: 0.5 V/div. H: 10 µs/div.
Playing DVD-REF-A1 Tr.2 Cp.19, Progressive output



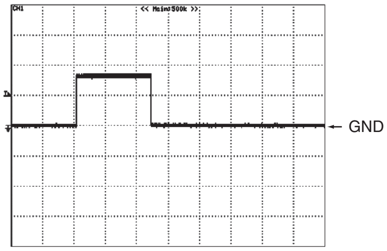
⑩ **IC401 - pin 18 [CbOUT]**
V: 0.5 V/div. H: 10 µs/div.
Playing DVD-REF-A1 Tr.2 Cp.19, Progressive output



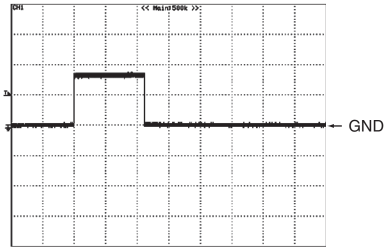
⑪ **IC401 - pin 16 [CrOUT]**
V: 0.5 V/div. H: 10 µs/div.
Playing DVD-REF-A1 Tr.2 Cp.19, Progressive output



⑫ **IC201 - pin 38 [TROPEN]**
V: 2 V/div. H: 500 ms/div.
Tray closing

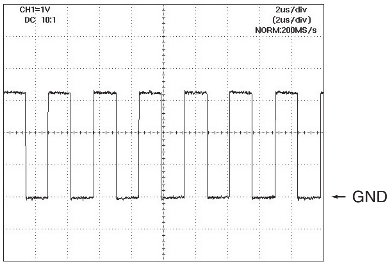


⑬ **IC201 - pin 202 [TRCLOSE]**
V: 2 V/div. H: 500 ms/div.
Tray opening

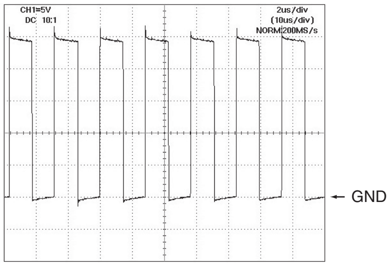


B SYSMAIN ASSY

① IC3201, IC3301, IC3401 [PWM_M, PWM_P]
V: 1 V/div. H: 2 µsec/div.



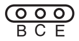
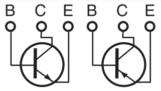
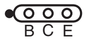
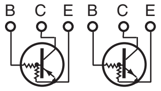
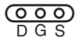
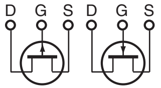
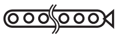
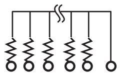
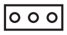
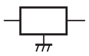
② IC3201, IC3301, IC3401 [OUT_A, B, C, D]
V: 5 V/div. H: 2 µsec/div.



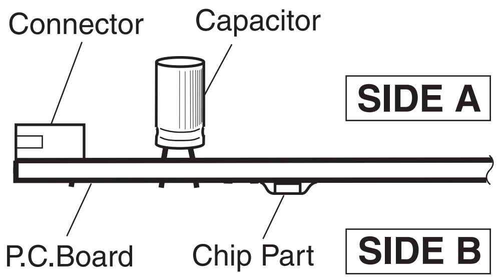
11. PCB CONNECTION DIAGRAM

NOTE FOR PCB DIAGRAMS :

1. Part numbers in PCB diagrams match those in the schematic diagrams.
2. A comparison between the main parts of PCB and schematic diagrams is shown below.

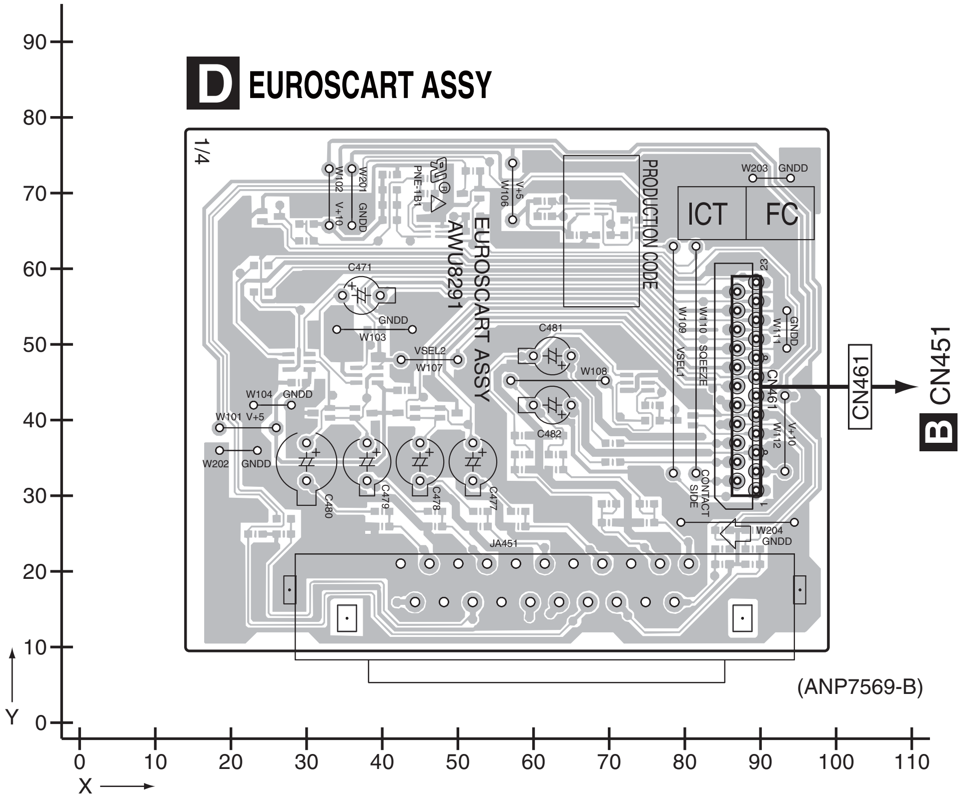
Symbol In PCB Diagrams	Symbol In Schematic Diagrams	Part Name
		Transistor
		Transistor with resistor
		Field effect transistor
		Resistor array
		3-terminal regulator

3. The parts mounted on this PCB include all necessary parts for several destinations.
   For further information for respective destinations, be sure to check with the schematic diagram.
4. View point of PCB diagrams.

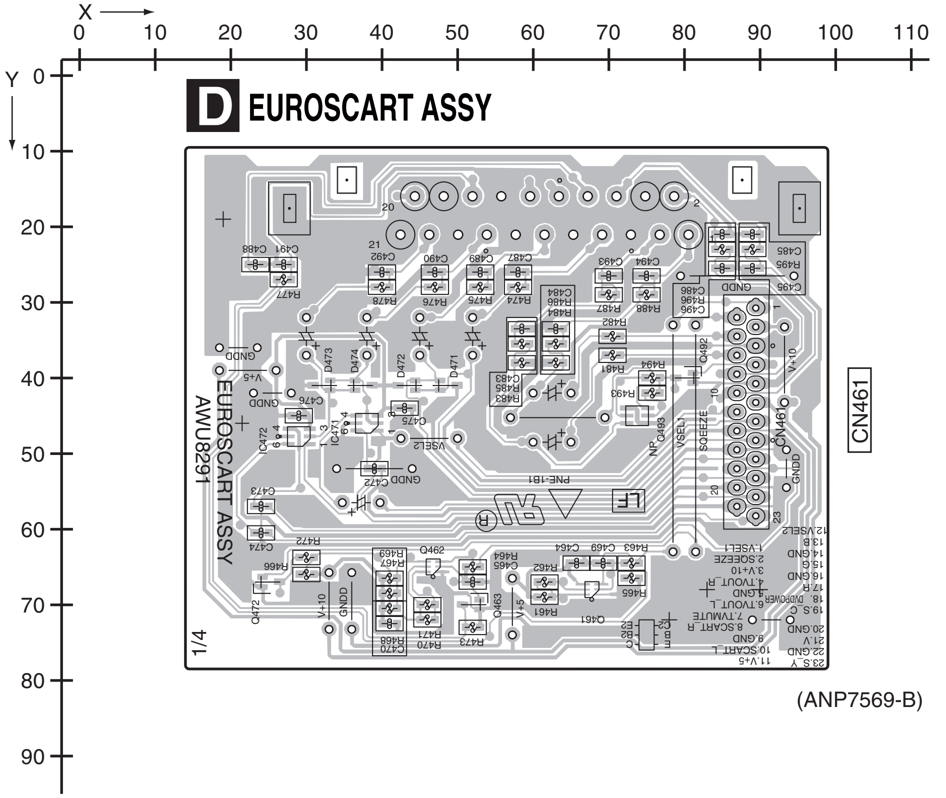

Connector
Capacitor
SIDE A
P.C.Board
Chip Part
SIDE B

11.1 EUROSCART ASSY

SIDE A **SIDE A**


D EUROSCART ASSY
1/4
EUROSCART ASSY
AWU8291
PRODUCTION CODE
ICT
FC
W203 GNDD
W102 V+10
W201 GNDD
PNE-1B1
V+5 W106
C471
GNDD W103
VSEL2 W107
C481
W108
C482
W104 GNDD
W101 V+5
W202 GNDD
C480
C479
C478
C477
W109 VSEL1
W110 SQEEZE
CN461
CONTACT SIDE
W111 GNDD
W112 V+10
23
1
W204 GNDD
JA451
CN461
B CN451
(ANP7569-B)
90
80
70
60
50
40
30
20
10
0
Y
0
10
20
30
40
50
60
70
80
90
100
110
X

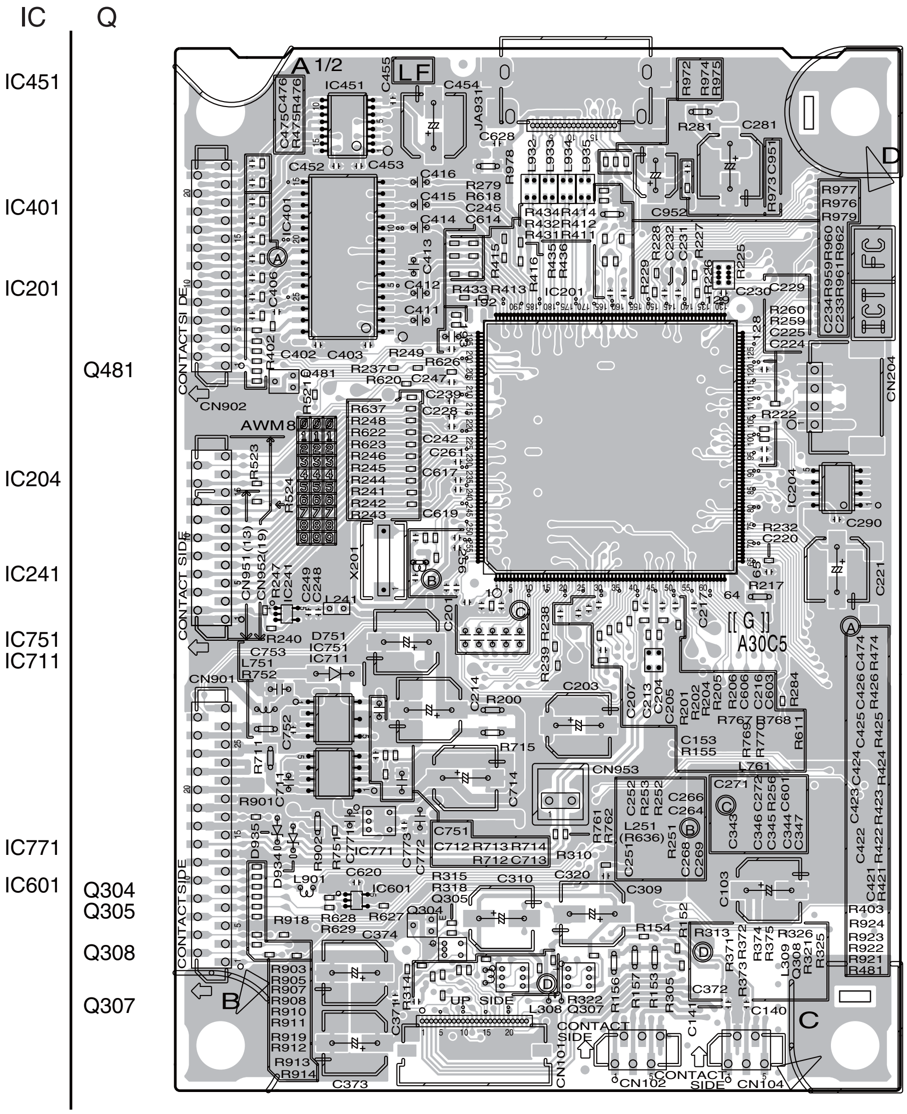
SIDE B **SIDE B**


X
0
10
20
30
40
50
60
70
80
90
100
110
Y
0
10
20
30
40
50
60
70
80
90
D EUROSCART ASSY
EUROSCART ASSY
AWU8291
1/4
CN461
CN461
C488 C491 R477
C492 R478
C490 R476
C489 R475
C487 R474
C484 R486 R484
C493 R487
C494 R488
C486 C496
C485 R495
C495
GNDD
R482 R481
R494 R493
Q492 Q493
D473 D474 D472 D471
R483 R485 C483
IC472 IC471
GNDD V+5 GNDD
C476 C475
VSEL2
C472 GNDD
PNE-1B1
LF
VSEL1
SQEEZE
V+10
GNDD
C473 C474
R472 R466
Q472
R467 R469 R468 R470
Q462
R471
R473
V+10 GNDD
Q463
R464 C465
V+5
R462 R461
C464 C469 R463
R465
Q461
1.VSEL1
2.SQEEZE
3.V+10
4.GND
5.TVOUT_R
6.TVOUT_L
7.TVMUTE
8.SCART_R
9.GND
10.SCART_L
11.V+5
12.VSEL2
13.B
14.GND
15.G
16.GND
17.R
18.DVDPOWER
19.S_C
20.GND
21.V
22.GND
23.S_Y
(ANP7569-B)

11.2 08 DVDM ASSY

SIDE A **SIDE A**

A 08 DVDM ASSY


IC
Q
IC451
IC401
IC201
Q481
IC204
IC241
IC751
IC711
IC771
IC601
Q304
Q305
Q308
Q307
A 1/2
LF
IC451
C455
C454
JA931
C628
R972
R974
R975
R281
C281
C951
R973
D
R977
R976
R979
FC
ICT
C452
C453
C416
C415
C414
C413
C412
C411
IC401
C406
C402
C403
R402
CN902
CONTACT SIDE
R279
R618
C245
C614
R434
R414
R432
R412
R431
R411
C952
L932
L933
L934
L935
R978
IC201
R433
R413
R415
R416
R435
R436
R229
R228
C232
C231
R227
R226
R225
C230
C229
R260
R259
C225
C224
CN204
R249
R626
R237
R620
C247
Q481
R521
AWM8
R637
R248
R622
R623
R246
R245
R244
R241
R242
R243
C239
C228
C242
C261
C617
C619
R222
IC204
R232
C220
C290
C221
R217
X201
B
R523
R524
CN951(13)
CN952(19)
R247
IC241
C249
C248
L241
C201
R238
R239
C217
[[G]]
A30C5
R240
C753
D751
IC751
IC711
L751
R752
CN901
C752
R711
C711
C214
R200
R715
C714
C203
C207
C213
C204
C205
R201
R202
R204
R205
R206
C606
C216
C603
R284
R767
R770
R768
R769
R611
C153
R155
CN953
C252
R253
R252
C266
C264
L251
(R636)
R251
C268
C269
C251
C271
C343
C346
C272
C345
R256
C344
C601
C347
L761
C423
C424
C425
C426
C474
R424
R425
R426
R474
C422
R423
C421
R422
R421
R901
D935
D934
R902
R751
C771
IC771
C773
C772
C751
C712
R713
R714
R712
C713
R761
R762
R310
L901
C620
IC601
R315
R318
Q305
C310
C320
C309
C103
R918
R628
R627
R629
C374
Q304
R154
R152
R313
R371
R372
R373
R374
R375
L309
Q308
R326
R321
R325
R403
R924
R923
R922
R921
R481
R903
R905
R907
R908
R910
R911
R919
R912
R913
R914
C373
C371
R314
UP SIDE
L308
R322
Q307
R156
R157
R153
R305
C372
C141
C140
CONTACT SIDE
CN101
CN102
CN104
C

(ANP7631-A)

SIDE B

SIDE B

A

B

C

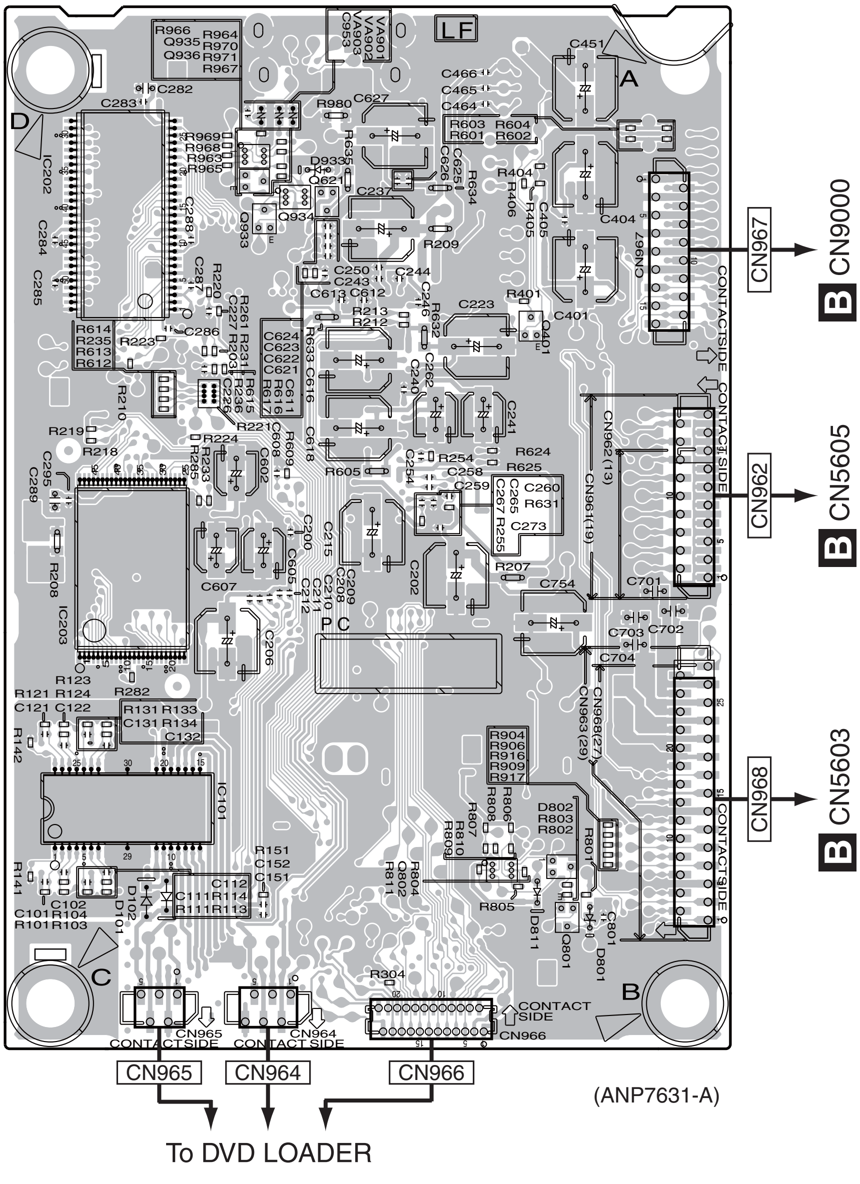
D

E

F

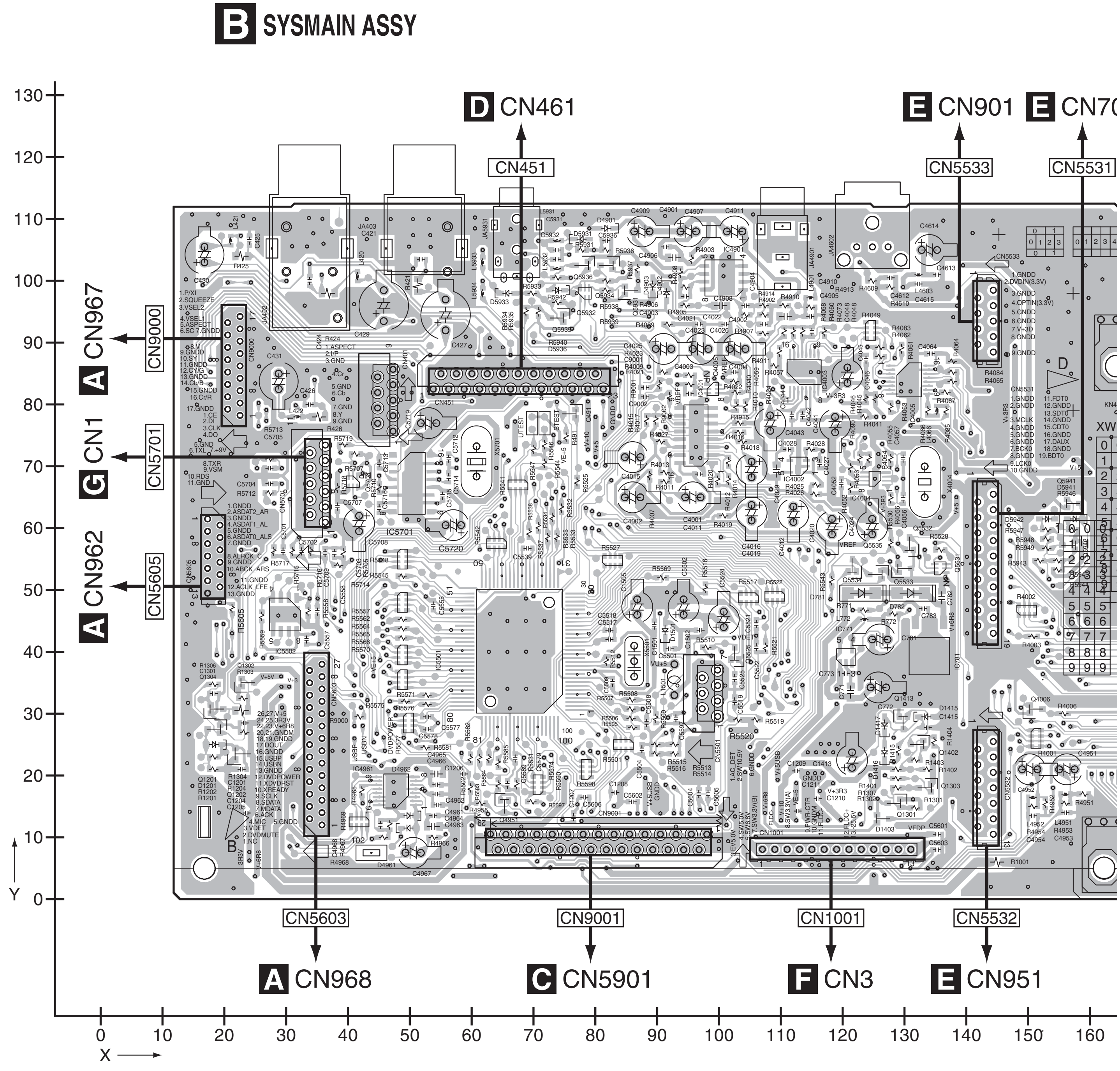
A 08 DVDM ASSY

IC	Q
	Q935 Q936
IC202	Q621 Q934 Q933
	Q401
IC203	
IC101	Q802
	Q801

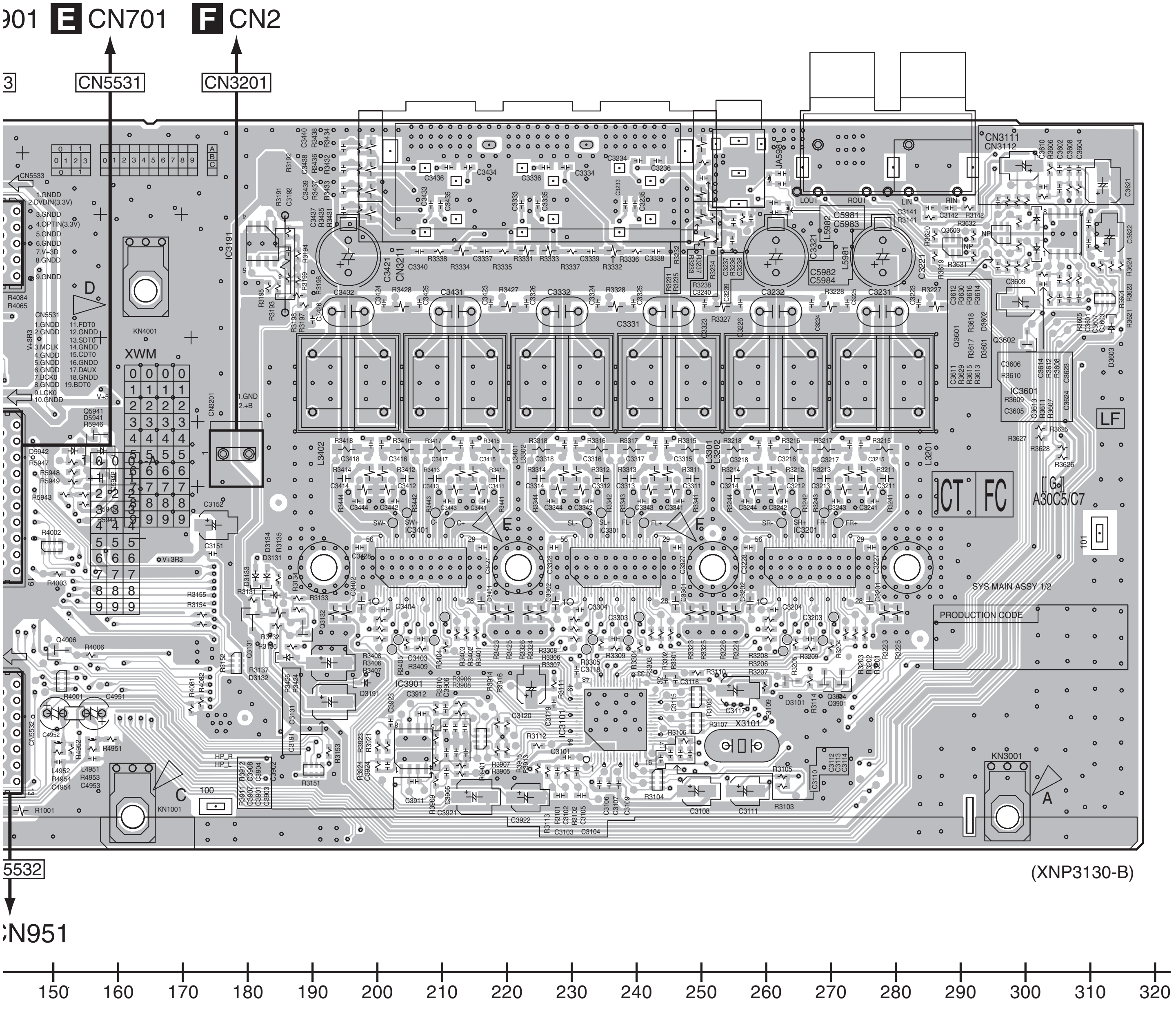

LF
A
B
C
D
IC202
IC203
IC101
P C
CN967
CN962
CN968
CN965
CN964
CN966
B CN9000
B CN5605
B CN5603
CONTACT SIDE
(ANP7631-A)
To DVD LOADER

11.3 SYSMAIN ASSY

SIDE A


B SYSMAIN ASSY
D CN461
CN451
E CN901
CN5533
E CN70
CN5531
A CN967
CN9000
G CN1
CN5701
A CN962
CN5605
CN5603
A CN968
CN9001
C CN5901
CN1001
F CN3
CN5532
E CN951
130
120
110
100
90
80
70
60
50
40
30
20
10
0
Y
0
10
20
30
40
50
60
70
80
90
100
110
120
130
140
150
160
X

SIDE A

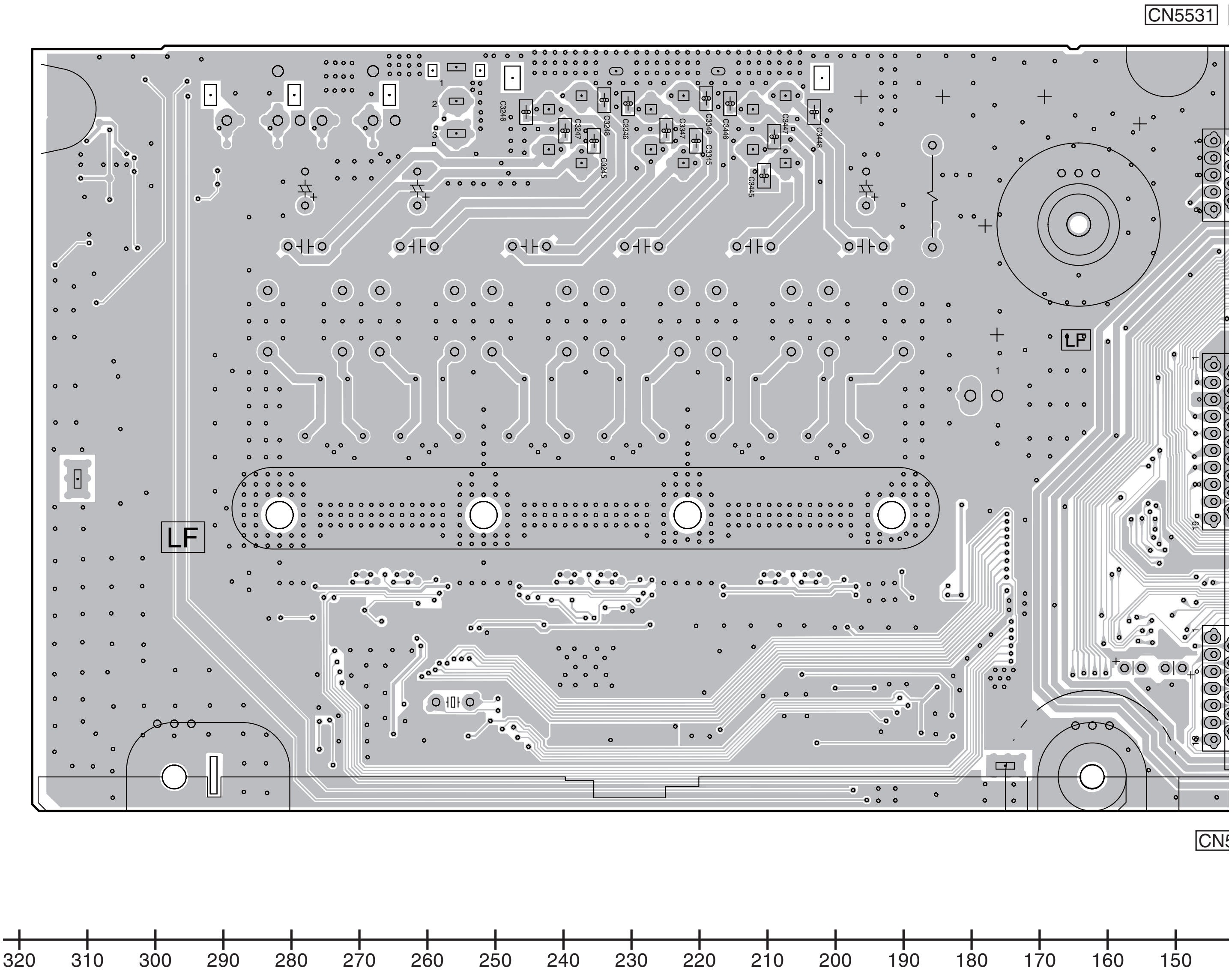

901
E CN701
F CN2
CN5531
CN3201
3
CN5533
1.GNDD
2.DVDIN(3.3V)
3.GNDD
4.OPTIN(3.3V)
5.GNDD
6.GNDD
7.V+3D
8.GNDD
9.GNDD
D
KN4001
XWM
CN5531
1.GNDD
2.GNDD
3.MCLK
4.GNDD
5.GNDD
6.GNDD
7.BCK0
8.GNDD
9.LCK0
10.GNDD
11.FDT0
12.GNDD
13.SDT0
14.GNDD
15.CDT0
16.GNDD
17.DAUX
18.GNDD
19.BDT0
CN3201
1.GND
2.+B
IC3191
IC3401
IC3301
IC3201
CN3211
JA5981
LOUT
ROUT
LIN
RIN
CN3111
CN3112
L5982
L5981
C5981
C5983
C5982
C5984
L3402
L3401
L3301
L3202
L3201
SW-
SW+
C-
C+
SL-
SL+
FL-
FL+
SR-
SR+
FR-
FR+
E
F
IC3601
CT
FC
LF
[G]
A30C5/C7
SYS MAIN ASSY 1/2
PRODUCTION CODE
IC3901
IC3101
X3101
KN3001
A
KN1001
C
100
HP_R
HP_L
CN5532
5532
CN951
(XNP3130-B)
150
160
170
180
190
200
210
220
230
240
250
260
270
280
290
300
310
320

SIDE B

A

B SYSMAIN ASSY

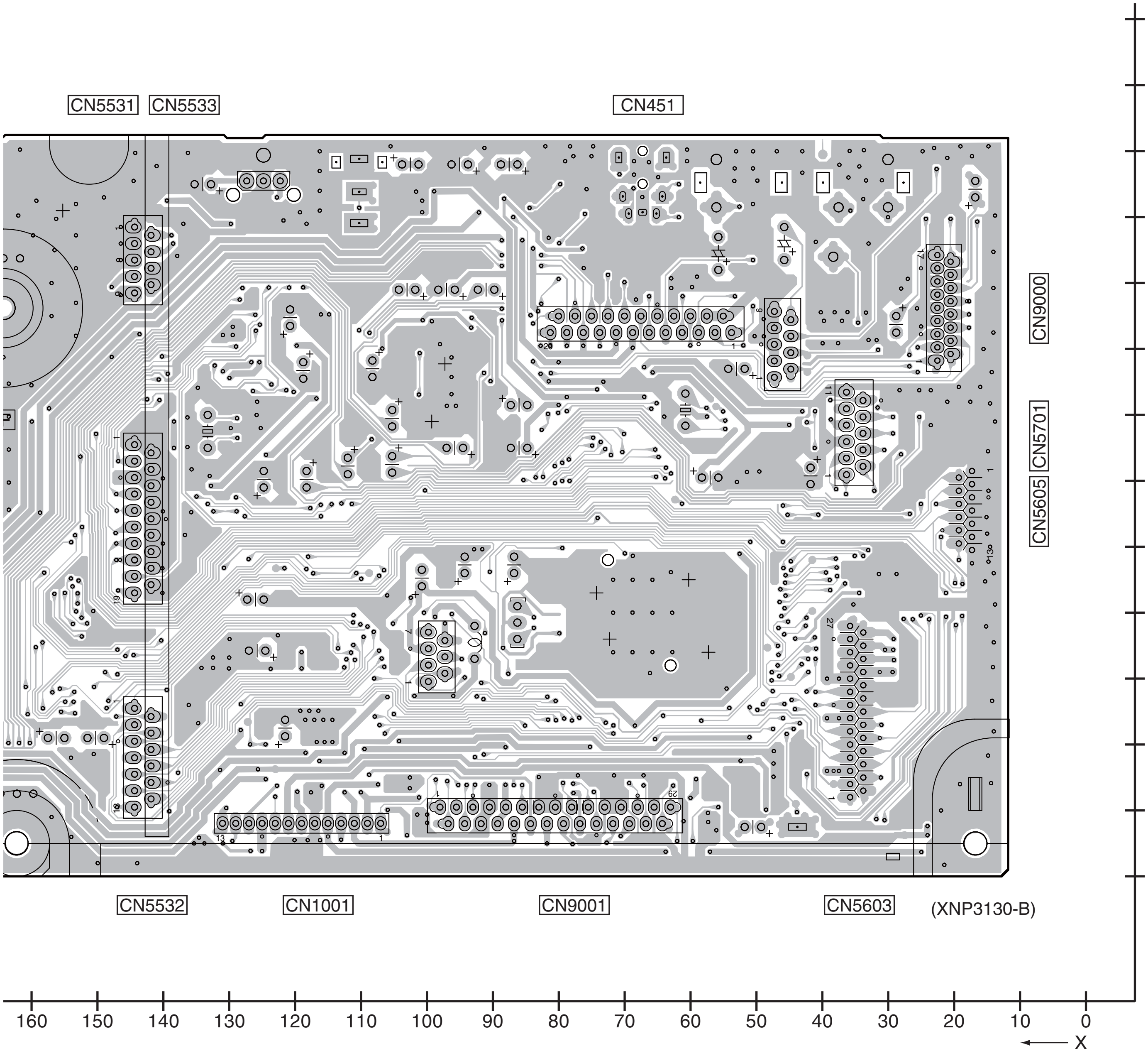
B


CN5531
1
2
C3246
C3247
C3248
C3346
C3245
C3347
C3348
C3345
C3446
C3447
C3448
C3445
C
LP
1
19
LF
D
19
CN5
320
310
300
290
280
270
260
250
240
230
220
210
200
190
180
170
160
150

E

F

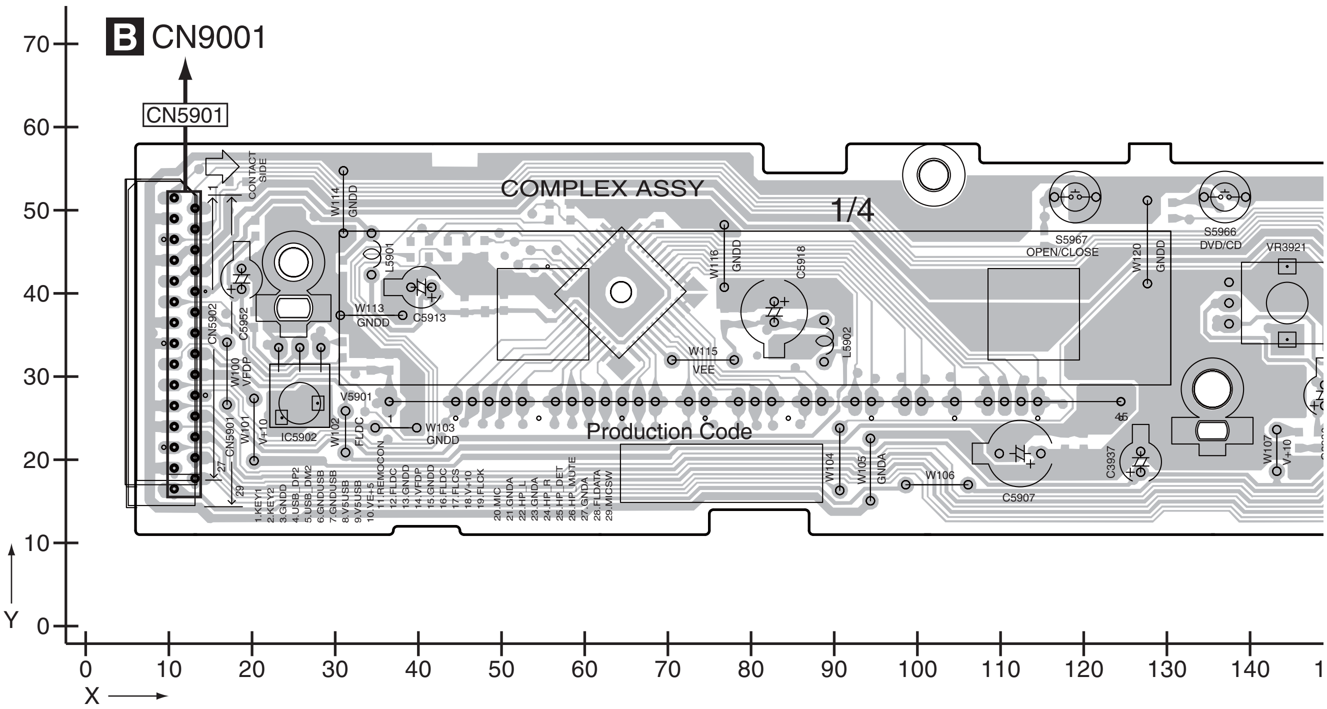
SIDE B


CN5531
CN5533
CN451
CN9000
CN5701
CN5605
CN5532
CN1001
CN9001
CN5603
(XNP3130-B)
Y
X

11.4 COMPLEX ASSY

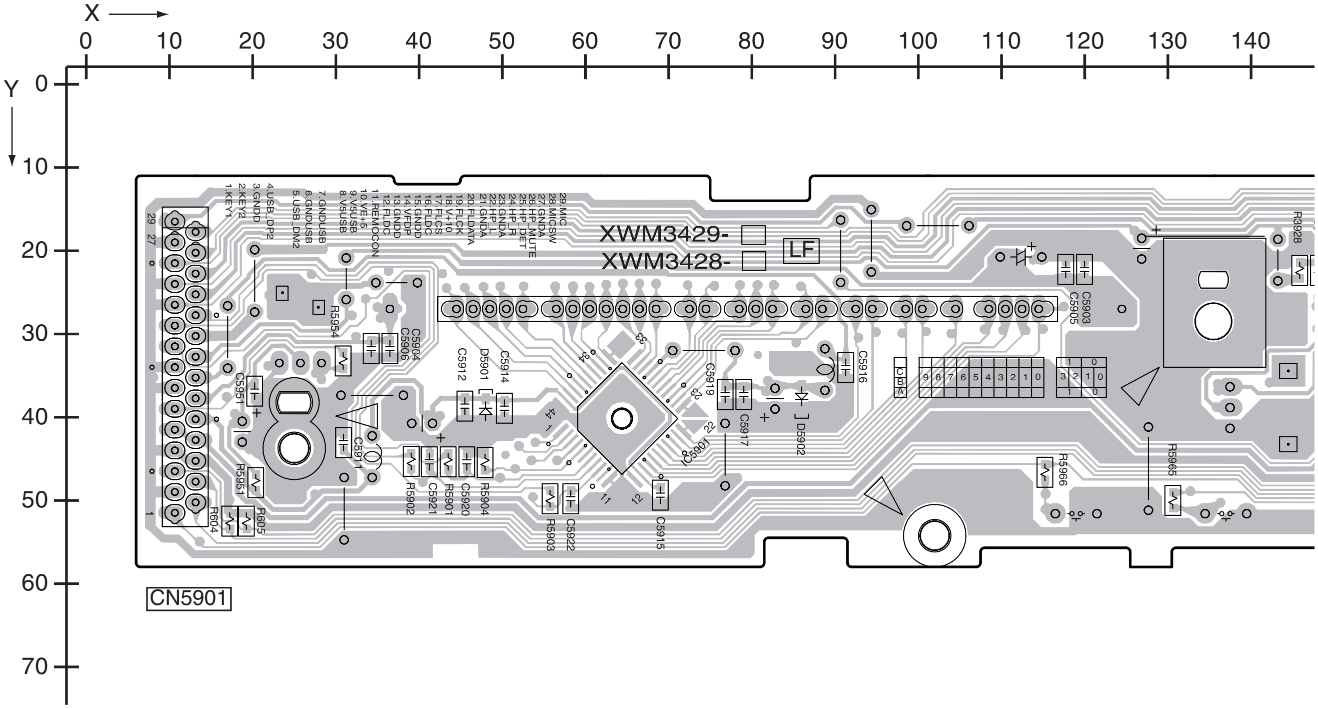
SIDE A

C COMPLEX ASSY

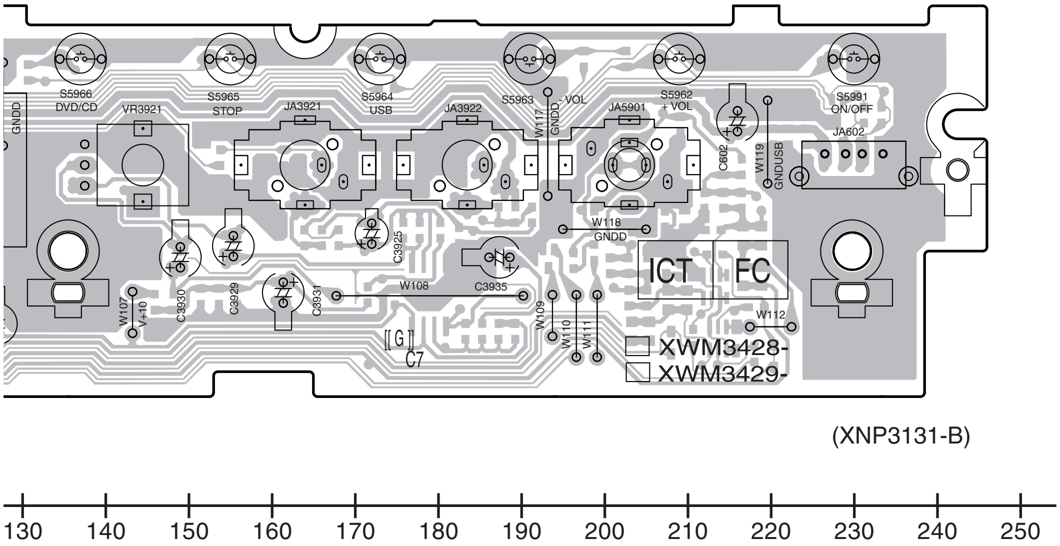

B CN9001
CN5901
COMPLEX ASSY
1/4
CONTACT SIDE
W114 GNDD
L5901
C5913
W113 GNDD
C5952
CN5902
W100 VFDP
W101 V+10
CN5901
IC5902
V5901
W102 FLDC
W103 GNDD
W116 GNDD
C5918
W115 VEE
L5902
Production Code
W104
W105 GNDA
W106
C5907
C3937
S5967 OPEN/CLOSE
W120 GNDD
S5966 DVD/CD
VR3921
W107 V+10
1.KEY1
2.KEY2
3.GNDD
4.USB_DP2
5.USB_DM2
6.GNDUSB
7.GNDUSB
8.V5USB
9.V5USB
10.VE+5
11.REMOCON
12.FLDC
13.GNDD
14.VFDP
15.GNDD
16.FLDC
17.FLCS
18.V+10
19.FLCK
20.MIC
21.GNDA
22.HP_L
23.GNDA
24.HP_R
25.HP_DET
26.HP_MUTE
27.GNDA
28.FLDATA
29.MICSW
Y
X
0
10
20
30
40
50
60
70
80
90
100
110
120
130
140

SIDE B

C COMPLEX ASSY

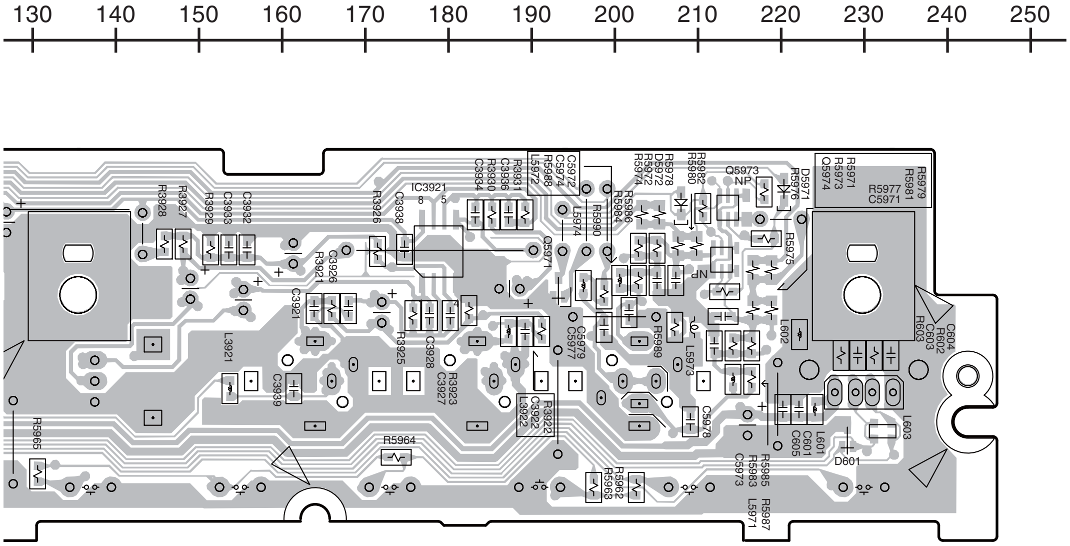

X
Y
0
10
20
30
40
50
60
70
80
90
100
110
120
130
140
XWM3429-
XWM3428-
LF
1.KEY1
2.KEY2
3.GNDD
4.USB_DP2
5.USB_DM2
6.GNDUSB
7.GNDUSB
8.V5USB
9.V5USB
10.VE+5
11.REMOCON
12.FLDC
13.GNDD
14.VFDP
15.GNDD
16.FLDC
17.FLCS
18.V+10
19.FLCK
20.FLDATA
21.GNDA
22.HP_L
23.GNDA
24.HP_R
25.HP_MUTE
26.HP_DET
27.GNDA
28.MICSW
29.MIC
R5954
C5904
C5906
C5951
R5951
R604
R605
C5911
C5912
D5901
C5914
R5902
C5921
R5901
C5920
R5904
R5903
C5922
C5915
IC5901
C5919
C5917
D5902
C5916
C5903
C5905
R5966
R5965
R3928
CN5901

SIDE A


S5966
DVD/CD
VR3921
S5965
STOP
JA3921
S5964
USB
JA3922
S5963
W117
GNDD
- VOL
JA5901
S5962
+ VOL
C692
W119
GNDUSB
S5991
ON/OFF
JA602
GNDD
W118
GNDD
C3925
C3935
W108
ICT
FC
C3930
C3929
C3931
W107
V+10
W109
W110
W111
W112
[[G]]
C7
□ XWM3428-
▨ XWM3429-
130
140
150
160
170
180
190
200
210
220
230
240
250

(XNP3131-B)

SIDE B

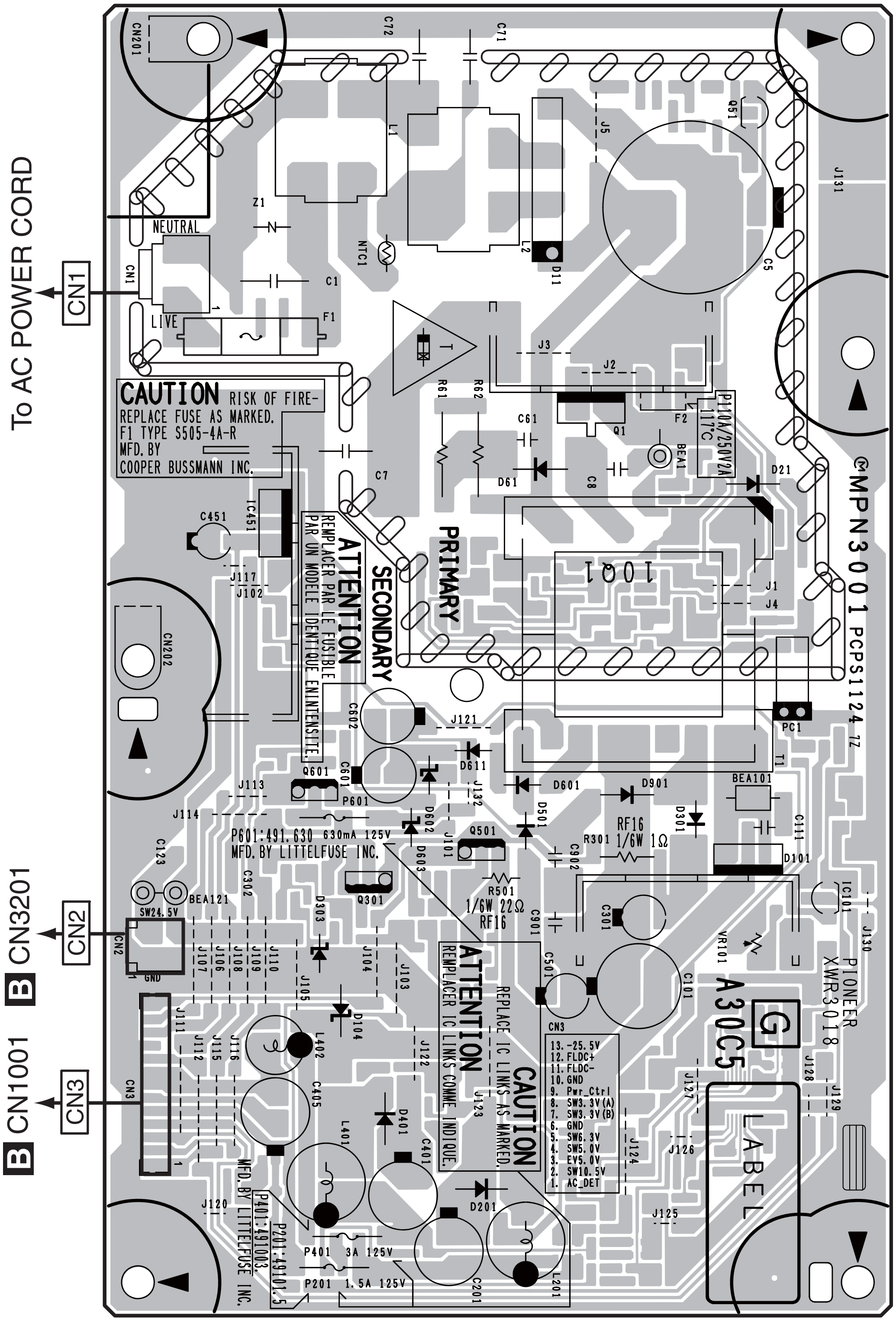

130
140
150
160
170
180
190
200
210
220
230
240
250
R3928
R3927
R3929
C3933
C3932
R3926
C3938
IC3921
8
5
C3934
C3936
R3930
R3931
C5972
C5974
R5988
L5972
R5974
R5972
D5972
R5978
R5980
R5982
Q5973
NP
R5976
D5971
R5971
R5973
Q5974
R5977
C5971
R5979
R5981
L5974
R5990
R5984
R5986
Q5971
R5975
R3921
C3926
C3921
R3925
C3928
L3921
C3939
R3923
C3927
C5979
C5977
R5989
L5973
L3922
C3922
R3922
C5978
L602
C604
R602
C603
R603
L601
C601
C605
L603
D601
R5965
R5964
R5962
R5963
R5985
R5983
C5973
R5987
L5971

(XNP3131-B)

11.5 POWER SUPPLY UNIT

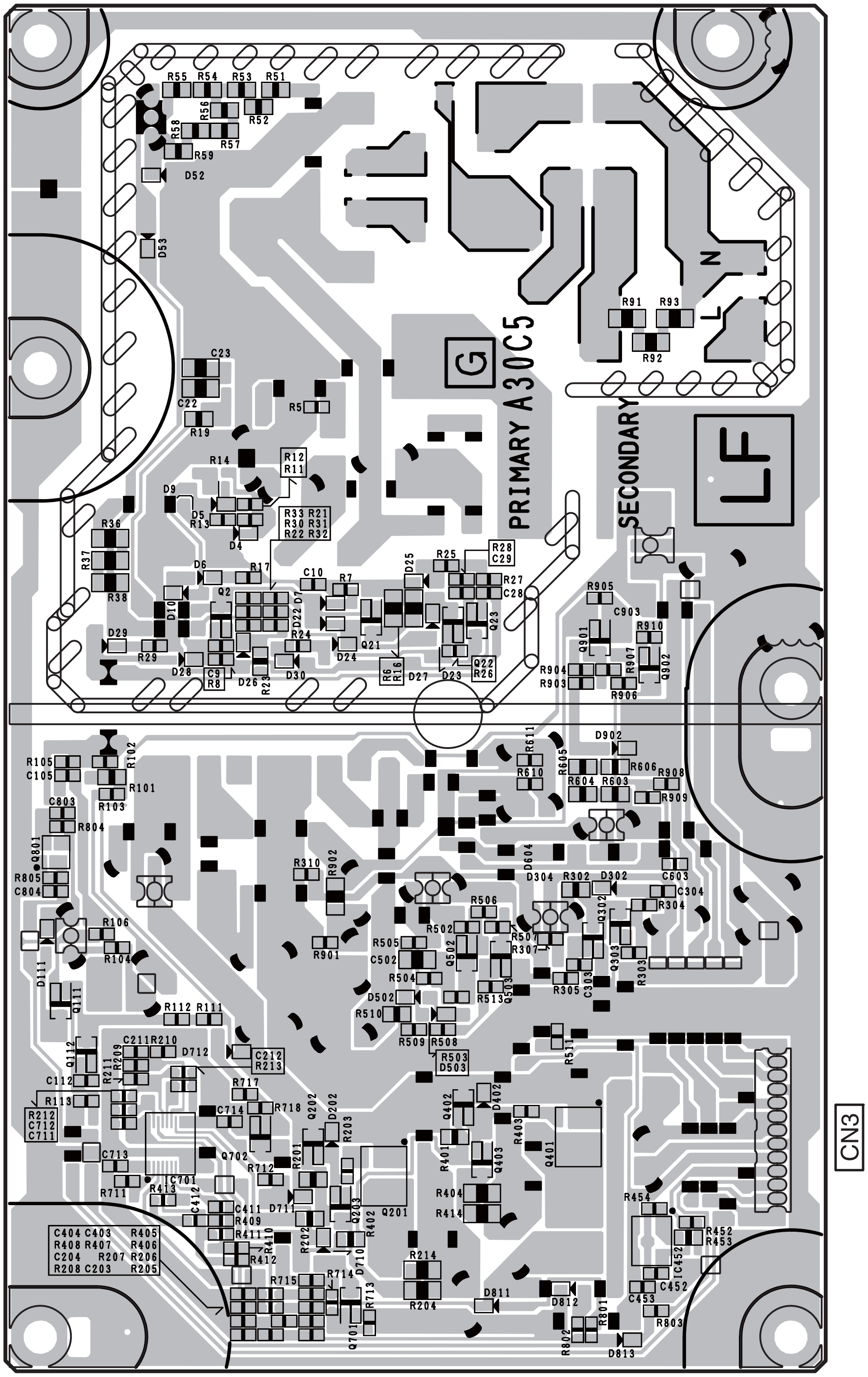
SIDE A **SIDE A**

F POWER SUPPLY UNIT


To AC POWER CORD
CN1
CN2
B CN3201
CN3
B CN1001
CAUTION RISK OF FIRE-
REPLACE FUSE AS MARKED.
F1 TYPE S505-4A-R
MFD.BY
COOPER BUSSMANN INC.
ATTENTION
REMPLACER PAR LE FUSIBLE
PAR UN MODELE IDENTIQUE ENINTENSITE.
SECONDARY
PRIMARY
NEUTRAL
LIVE
P601:491.630 630mA 125V
MFD.BY LITTELFUSE INC.
ATTENTION
REMPLACER IC LINKS COMME INDIQUE.
CAUTION
REPLACE IC LINKS AS MARKED.
P401 3A 125V
P201 1.5A 125V
P401:491003.
P201:49101.5
MFD.BY LITTELFUSE INC.
RF16 1/6W 1Ω
1/6W 22Ω RF16
CN3
13. -25.5V
12. FLDC+
11. FLDC-
10. GND
9. Pwr_Ctrl
8. SW3.3V(A)
7. SW3.3V(B)
6. GND
5. SW6.3V
4. SW5.0V
3. EV5.0V
2. SW10.5V
1. AC_DET
MPN3001 PCPS1124 TZ
PIONEER
XWR3018
A30C5
G
LABEL
P110A/250V2A 117°C
SW24.5V
GND
CN201
CN202
C72
C71
L1
L2
J5
Q51
J131
Z1
NTC1
C1
F1
D11
C5
T
J3
J2
R61
R62
C61
Q1
F2
BEA1
D61
C8
D21
C7
C451
IC451
J117
J102
IC01
J1
J4
PC1
T1
C602
J121
C601
D611
Q601
P601
J113
J132
D601
D901
BEA101
J114
D602
D603
J101
Q501
D501
D301
C111
C123
R301
C902
D101
BEA121
C302
D303
Q301
R501
C901
C301
IC101
J130
J107
J106
J108
J109
J110
J105
J104
J103
C501
VR101
C101
J111
J112
J115
J116
L402
D104
J122
J128
J129
C405
J123
J127
L401
D401
C401
J124
J126
J120
D201
J125
C201
L201

SIDE B **SIDE B**

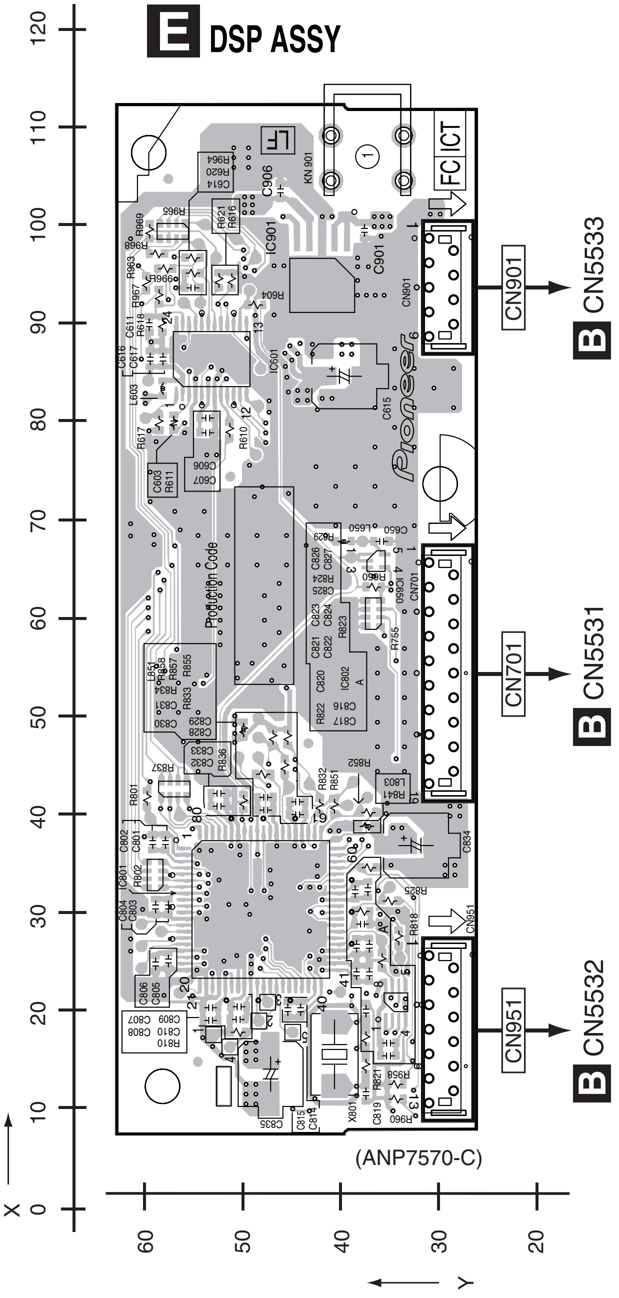
F POWER SUPPLY UNIT

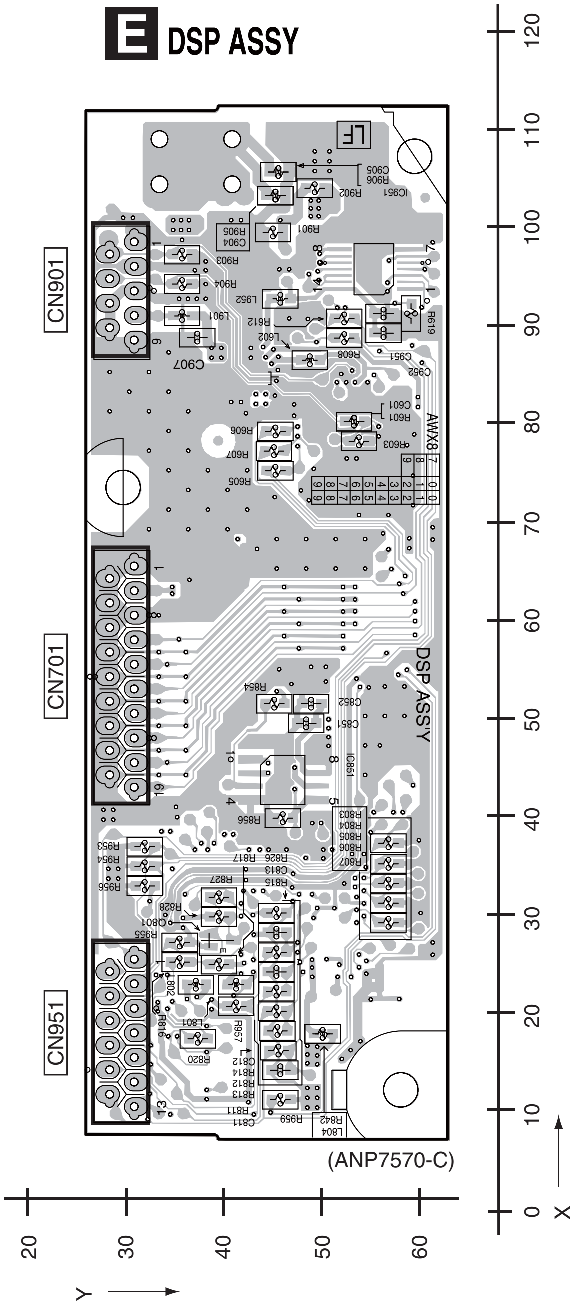

R55 R54 R53 R51
R56 R52
R58 R57
R59
D52
D53
N
R91 R93
L
R92
A30C5
G
PRIMARY
SECONDARY
LF
C23
C22
R19
R5
R14
R12
R11
D9
D5
R13
D4
R33 R21
R30 R31
R22 R32
R36
R37
R38
D6
R17
C10
R7
D25
R25
R28
C29
R27
C28
Q2
D10
D22
D7
Q23
D29
R24
Q21
D24
R29
D28
C9
R8
D26
R23
D30
R6
R16
D27
D23
Q22
R26
R905
C903
Q901
R910
R907
Q902
R904
R903
R906
D902
R611
R605
R606
R610
R604 R603
R908
R909
R105
C105
R102
R101
R103
C803
R804
Q801
R805
C804
D604
R310
R902
D304 R302 D302
C603
C304
R304
Q302
R506
R502
R507
R307
R106
R104
D111
Q111
R505
C502
Q502
R901
R504
Q503
R513
C303
R305
Q303
R303
D502
R510
R509
R508
R503
D503
R112 R111
R511
Q112
R209
C211 R210
D712
C212
R213
C112
R211
R717
R113
C714
R718
Q202
D202
R203
D402
Q402
R403
R212
C712
C711
C713
Q702
R201
R401
Q403
Q401
R712
C701
R711
R413
C412
C411
R409
R411
R410
D711
Q203
Q201
R402
R404
R414
R454
R452
R453
C404 C403 R405
R408 R407 R406
C204 R207 R206
R208 C203 R205
R412
R202
D710
R214
IC452
R715
R714
R713
R204
D811
D812
C453
C452
Q701
R801
R803
R802
D813
CN3

11.6 DSP ASSY (XV-DV575, XV-DV580 ONLY)

SIDE A

SIDE B


E
DSP ASSY
LF
FC
CT
KN 901
IC901
C901
CN901
IC601
C615
Pioneer
Production Code
IC802
IC650
CN701
IC801
X801
CN951
CN901
B CN5533
CN701
B CN5531
CN951
B CN5532
(ANP7570-C)
120
110
100
90
80
70
60
50
40
30
20
10
0
X
60
50
40
30
20
Y


E
DSP ASSY
LF
IC951
CN901
C907
AWX8
CN701
DSP ASS'Y
IC851
CN951
(ANP7570-C)
120
110
100
90
80
70
60
50
40
30
20
10
0
X
20
30
40
50
60
Y

12. PCB PARTS LIST

NOTES: ● *Parts marked by "NSP" are generally unavailable because they are not in our Master Spare Parts List.*

● *The ⚠ mark found on some component parts indicates the importance of the safety factor of the part. Therefore, when replacing, be sure to use parts of identical designation.*

● *When ordering resistors, first convert resistance values into code form as shown in the following examples.*

Ex.1 When there are 2 effective digits (any digit apart from 0), such as 560 ohm and 47 k ohm (tolerance is shown by J = 5%, and K = 10%).

560 Ω → 56×10^1 → 561 ······ RD1/4PU$\boxed{5}\boxed{6}\boxed{1}$ J
47 kΩ → 47×10^3 → 473 ······ RD1/4PU$\boxed{4}\boxed{7}\boxed{3}$ J
0.5 Ω → R50 ······ RN2H$\boxed{R}\boxed{5}\boxed{0}$ K
1 Ω → 1R0 ······ RS1P$\boxed{1}\boxed{R}\boxed{0}$ K

Ex.2 When there are 3 effective digits (such as in high precision metal film resistors).

5.62 kΩ → 562×10^1 → 5621 ······ RN1/4PC$\boxed{5}\boxed{6}\boxed{2}\boxed{1}$ F

● *Meaning of the figures and others in the parentheses in the parts list.*

Example) IC 301 is on the point (face A, 91 of x-axis, and 111 of y-axis) of the corresponding PC board.
IC 301 (A, 91, 111) IC NJM2068V

LIST OF ASSEMBLIES

Mark	No. Description	Part No.
	1..08 DVDM ASSY (XV-DV575, XV-DV580)	AWM8118
	1..08 DVDM ASSY (XV-DV385K, XV-DV395K)	AWM8105
	1..DSP ASSY (XV-DV575, XV-DV580 ONLY)	AWX8706
	1..SYSMAIN ASSY (XV-DV575)	XWM3392
	1..SYSMAIN ASSY (XV-DV580)	XWM3395
	1..SYSMAIN ASSY (XV-DV385K)	XWM3391
	1..SYSMAIN ASSY (XV-DV395K)	XWM3394

Mark	No. Description	Part No.
	1..COMPLEX ASSY (XV-DV575, XV-DV580)	XWM3429
	1..COMPLEX ASSY (XV-DV385K, XV-DV395K)	XWM3428
NSP	1..NHTS JACK ASSY	AWM8034
	2..EUROSCART ASSY	AWU8291
⚠	1..POWER SUPPLY UNIT	XWR3018
	1..FM/AM TUNER UNIT	AXX7248

CONTRAST OF PCB ASSEMBLIES

A 08 DVDM ASSY

AWM8118 and AWM8105 are constructed the same except for the following:

Mark	Symbol and Description	AWM8118	AWM8105
	IC241	Not used	TC7SH08FUS1
	L241 CHIP SOLID INDUCTOR	Not used	QTL1013
	CN962 13P FFC CONNECTOR	Not used	VKN1472
	C248	Not used	CKSSYB104K16
	C249	Not used	CCSSCH471J16
	R240-R242, R244-R246	Not used	RS1/16SS330J
	R243	Not used	RS1/16SS100J

B SYSMAIN ASSY (XV-DV575/XV-DV580)

XWM3392 and XWM3395 are constructed the same except for the following:

Mark	Symbol and Description	XWM3392	XWM3395
	R5514	Not used	RS1/16S473J
	R5516	RS1/16S473J	Not used

B SYSMAIN ASSY (XV-DV385K/XV-DV395K)

XWM3391 and XWM3394 are constructed the same except for the following:

Mark	Symbol and Description	XWM3391	XWM3394
	R5516	RS1/16S473J	Not used

C COMPLEX ASSY

XWM3429 and XWM3428 are constructed the same except for the following:

Mark	Symbol and Description	XWM3429	XWM3428
	IC3921	Not used	NJM4565MD
	L3921 INDUCTOR	Not used	CTF1306
	VR3921 VARIABLE (10K-X1)	Not used	XCS3007
	CN5902 27P FFC CONNECTOR	9607S-27F	Not used
	CN5901 29P FFC CONNECTOR	Not used	9607S-29F
	JA3921, JA3922 MIC JACK	Not used	XKN3012
	R3921, R3922, R3928, R3929	Not used	RS1/16S332J
	R3925, R3927	Not used	RS1/16S473J
	R3926	Not used	RS1/16S103J
	R3930	Not used	RS1/16S152J
	R3931	Not used	RS1/16S123J
	C3921, C3922, C3933	Not used	CCSRCH101J50
	C3925, C3935	Not used	CEJQ2R2M50
	C3928	Not used	CCSRCH681J50
	C3929, C3930	Not used	CEAT2R2M50
	C3931	Not used	CEAT470M16
	C3932, C3938	Not used	CKSRYB104K16
	C3936	Not used	CKSRYB122K50
	C3939	Not used	CKSRYB223K16

PCB PARTS LIST FOR XV-DV575/WYXJ5 UNLESS OTHER WISE NOTED

A 08 DVDM ASSY

SEMICONDUCTORS

Mark	No.	Description	Part No.
	IC 101		BA5984FP
	IC 201		MT1389FE/S-L
	IC 202		K4S641632K-UC75
	IC 203		AYW7242
	IC 204		S-24CS64A0I
	IC 401		MM1758XF
	IC 601		TC7SH08FUS1
	IC 711		MM1661JH
	IC 771		NJM2872BF05
	Q 304,801		2SC4081
	Q 305		UM5K1N
	Q 307,308		HN1A01F
	Q 481,933		DTC114YUA
	Q 621		2SK2034
	Q 802		HN1A01FU
	Q 934		UMB1N
	D 101,102		RR264M-400
	D 761,762		UDZS3R9(B)
	D 801		UDZS4R7(B)
	D 802		DAN202U
	D 811		1SS352
	D 933		UDZS5R1(B)

MISCELLANEOUS

Mark	No.	Description	Part No.
	L 751	INDUCTOR	CTF1395
	L 761	COIL	VTH1047
	L 901	INDUCTOR	CTF1334
	L 932-935	COIL	ATH7022
	JA 931	HDMI CONNECTOR	AKP7224
	X 201	CRYSTAL RESONATOR (27MHZ)	VSS1172
	CN 964	06P CONNECTOR	VKN1574
	CN 965	05P CONNECTOR	VKN1573
	CN 966	CONNECTOR	VKN2045
	CN 967	17P CONNECTOR	VKN1577
	CN 968	27P CONNECTOR	VKN1583

RESISTORS

Mark	No.	Description	Part No.
	R 103,113,114,201		RS1/16SS1202F
	R 104		RS1/16SS1002F
	R 123,133		RS1/16SS3302F
	R 124,134		RS1/16SS2702F
	R 153,156,157		RS1/8SQ3R3J
	R 202		RS1/16SS8201F
	R 205,206		RS1/16SS1502F
	R 208,209,281,634		RS1/10S0R0J
	R 221,225		RAB4CQ330J
	R 279		RS1/16SS2201F
	R 411-416		RS1/16SS1500F
	R 617		RS1/16SS2701F
	R 636		RS1/16S0R0J
	R 715,752,902		RS1/10S0R0J
	R 978-980		RS1/10S0R0J
	Other Resistors		RS1/16SS###J

CAPACITORS

Mark	No.	Description	Part No.
	C 103,373,401,404		CEVW101M16
	C 151,200,204,205		CKSSYB104K16
	C 152,153,210		CKSSYB222K50
	C 201,202,223,237		CEVW221M4
	C 203,206,215,309		CEVW470M16
	C 207,208,213,216		CKSSYB104K16
	C 209		CKSSYB153K16
	C 211,212		CCSSCH271J50
	C 217,220,224,225		CKSSYB104K16
	C 226,240,283-288		CKSSYB103K16

Mark	No.	Description	Part No.
C	227		CCSSCH221J50
C	228-234,239,243		CKSSYB104K16
C	241,602,607,952		CEVW100M16
C	242		CKSSYB152K50
C	244,246,247,250		CKSSYB104K16
C	245,282,289		CKSRYB105K10
C	251,252		CCSSCH100D50
C	254,267,295,608		CKSSYB102K50
C	258,259		CKSSYB473K16
C	260,261,264,266		CKSSYB104K16
C	262,605		CEVW4R7M16
C	265		CCSSCH220J50
C	268,271-273,290		CKSSYB104K16
C	269		CKSSYB333K10
C	281,618		CEVW221M4
C	310,616,627		CEVW470M16
C	343-347,412-414		CKSRYB105K10
C	371,372,402,405		CKSSYB104K16
C	406,601,603,606		CKSSYB104K16
C	411,415,416		CKSRYB104K16
C	611		CKSSYB562K25
C	612,613,617		CKSSYB104K16
C	614		CCSSCH101J50
C	619-621,623,625		CKSSYB104K16
C	622,624,626		CKSSYB102K50
C	628,773,801,951		CKSSYB104K16
C	711,771		CKSRYB105K10
C	712		CCSSCH471J16
C	713,772		CKSQYB225K10

B SYSMAIN ASSY (XV-DV575)

MISCELLANEOUS

Mark	No.	Description	Part No.
⚠ IC	771 (A,121,39)	LOAD SWITCHING	AAT4618IGV-0.5-1
⚠ IC	781 (A,134,40)	REGULATOR IC	NJM2845DL1-05
IC	3101 (A,237,20)	8CH PWM PROCESSOR IC	TAS5508BPAG
IC	3191 (A,182,94)	OP-AMP IC	BA10358F
⚠ IC	3201 (A,267,44)	DIGITAL AMP IC	TAS5122DCA
⚠ IC	3301 (A,237,44)	DIGITAL AMP IC	TAS5122DCA
⚠ IC	3401 (A,207,44)	DIGITAL AMP IC	TAS5122DCA
IC	3601 (A,306,95)	DUAL OP-AMP	NJM4565MD
IC	3901 (A,206,16)	DUAL OP-AMP	NJM4565MD
IC	4001 (A,96,75)	IC	TC4052BFN
⚠ IC	4002 (A,113,70)	REGULATOR IC	NJM2872BF25
IC	4003 (A,114,85)	AD CONVERTER IC	AK5358AET
IC	4901 (A,101,101)	DUAL OP-AMP	NJM4565MD
IC	5501 (A,68,40)	SYSTEM CONTROL MICON	PDC175A
IC	5502 (A,30,46)	EEPROM	S-93C46BD0I-J8T1
IC	5701 (A,50,67)	RDS DECORDER IC	LC72725KM
Q	491 (A,76,79)	TRANSISTOR	RT1N241M
Q	1301 (A,128,16)	TRANSISTOR(SC-70)	2SA1602A
Q	1302 (A,24,35)	TRANSISTOR	2SA1577
Q	1303 (A,133,18)	TRANSISTOR	2SC4154
Q	1304 (A,19,31)	TRANSISTOR	2SC4154
Q	1402 (A,132,25)	TRANSISTOR(SC-70)	2SA1602A
Q	1413 (A,130,29)	TRANSISTOR	RT1N241M
Q	3131 (A,181,35)	TRANSISTOR	2SA1036K
Q	3132 (A,189,34)	DIGITAL TR(SC-70)	RT1N431M
Q	3601 (A,296,95)	TRANSISTOR	IMX9
Q	3602 (A,300,79)	DIGITAL TR(SC-70)	RT1P241M
Q	3603 (A,289,93)	TRANSISTOR	IMX9
Q	3604 (A,269,27)	DIGITAL TR(SC-70)	RT1P241M
Q	4005 (A,99,83)	CHIP TRANSISTOR	HN1A01FU
Q	4006 (A,151,31)	TRANSISTOR	RT1N241M
Q	4951 (A,65,15)	TRANSISTOR	RT1N241M
Q	5525 (A,103,40)	DIGITAL TR(SC-70)	RT1N431M
Q	5531 (A,136,54)	TRANSISTOR	RT3N22M
Q	5532 (A,131,58)	TRANSISTOR	RT1N241M
Q	5533 (A,130,54)	DIGITAL TR(SC-70)	RT1P241M
Q	5703 (A,41,68)	CHIP TRANSISTOR	HN1C01FU
Q	5931 (A,86,99)	TRANSISTOR	RT1N241M
Q	5932 (A,78,98)	TRANSISTOR	RT3N22M
Q	5934 (A,82,103)	TRANSISTOR(SC-70)	2SA1602A
Q	5935 (A,74,94)	TRANSISTOR(SC-70)	2SA1602A
Q	5936 (A,78,103)	DIGITAL TR(SC-70)	RT1P241M
D	1403 (A,127,13)	DIODE	MC2846-11
D	1415 (A,134,30)	DIODE	UDZS4R7(B)
D	3101 (A,264,26)	DIODE	MC2846-11
D	3131 (A,184,39)	DIODE	UDZS18(B)
D	3133 (A,181,42)	DIODE	1SS352
D	3134 (A,183,42)	DIODE	UDZS15(B)
D	3191 (A,198,26)	DIODE	UDZS4R7(B)
D	3603 (A,313,81)	DIODE	UDZS12(B)
D	4901 (A,82,109)	DIODE	UDZS5R1(B)
D	4902 (A,92,98)	DIODE	UDZS3R9(B)
D	4903 (A,89,99)	DIODE	UDZS3R9(B)
D	5931 (A,78,107)	DIODE	1SS352
D	5933 (A,66,98)	DIODE	1SS352
D	5936 (A,74,99)	DIODE	1SS352
L	772 (A,124,45)	CHIP SOLID INDUCTOR	ATL7002
L	1501 (A,93,33)	AXIAL INDUCTOR	LAU220J
L	3201 (A,284,68)	INDUCTORS	ATH7019
L	3202 (A,267,68)	INDUCTORS	ATH7019
L	3301 (A,251,68)	INDUCTORS	ATH7019
L	3302 (A,234,68)	INDUCTORS	ATH7019
L	3401 (A,218,68)	INDUCTORS	ATH7019
L	3402 (A,201,68)	INDUCTORS	ATH7019
L	4603 (A,132,101)	INDUCTOR	CTF1379
L	4901 (A,115,97)	INDUCTOR	CTF1379
L	4951 (A,156,17)	INDUCTOR	CTF1346
L	4952 (A,151,17)	INDUCTOR	CTF1346
L	5931 (A,74,107)	CHIP SOLID INDUCTOR	QTL1013
L	5932 (A,74,102)	CHIP SOLID INDUCTOR	QTL1013
L	5933 (A,62,103)	CHIP SOLID INDUCTOR	QTL1013
L	5934 (A,62,98)	CHIP SOLID INDUCTOR	QTL1013
JA	403 (A,52,114)	JACK	XKB3069
JA	4602 (A,125,114)	OPT. LINK IN	GP1FAV51RKBF
JA	4901 (A,110,111)	JACK	RKN1004
JA	5931 (A,67,112)	MINI JACK(4P) /W SW	XKN3015
X	3101 (A,254,16)	CRYSTAL RESONATOR (13.5 MHz)	ASS7062
X	5501 (A,86,41)	CERAMIC RESONATOR (10 MHz)	ASS7034
X	5701 (A,61,73)	CRYSTAL RESONATOR (4.332 MHz)	ASS7004
CN	451 (A,54,83)	CONNECTOR	9604S-23C
CN	1001 (A,107,8)	CONNECTOR ASS'Y	PG13KA-F07
CN	3111 (A,279,114)	PIN JACK(4P)	AKB7114

Mark	No.	Description	Part No.
CN	3201 (A,176,61)	2P CONNECTOR	B2P-VH
CN	3211 (A,225,114)	6CH SPEAKER JACK(V0)	AKE7121
CN	5501 (A,100,30)	CONNECTOR	9604S-07C
CN	5531 (A,144,66)	19P PLUG	XKM3005
CN	5532 (A,144,26)	13P PLUG	XKM3004
CN	5533 (A,144,99)	9P PLUG	XKM3008
CN	5603 (A,36,12)	27P CONNECTOR	VKN1258
CN	5701 (A,36,61)	CONNECTOR	9604S-11C
CN	9000 (A,23,78)	17P CONNECTOR	VKN1248
CN	9002	CONNECTOR	9604S-27C
	102 (A,44,8)	PCB BINDER	VEF1040
	101 (A,312,49)	PCB BINDER	VEF1040

RESISTORS

Mark	No.	Description	Part No.
R	421 (A,51,99)		RS1/10S75R0F
R	491 (A,75,75)		RS1/16S103J
R	771 (A,124,47)		RS1/16S221J
R	772 (A,128,46)		RS1/16S104J
R	1301 (A,132,15)		RS1/16S473J
R	1302 (A,129,18)		RS1/16S392J
R	1303 (A,23,33)		RS1/16S473J
R	1304 (A,23,31)		RS1/10S561J
R	1306 (A,18,35)		RS1/16S103J
R	1307 (A,129,20)		RS1/16S472J
R	1401 (A,129,21)		RS1/16S392J
R	1402 (A,134,21)		RS1/16S332J
R	1403 (A,132,23)		RS1/16S473J
R	1404 (A,135,26)		RS1/16S393J
R	1415 (A,129,24)		RS1/16S182J
R	3101 (A,226,12)		RS1/16S221J
R	3102 (A,229,12)		RS1/16S221J
R	3103 (A,263,10)		RS1/16S4R7J
R	3104 (A,243,11)		RAB4C221J
R	3106 (A,248,17)		RS1/16S105J
R	3107 (A,249,20)		RAB4C470J
R	3108 (A,249,24)		RAB4C470J
R	3111 (A,227,26)		RS1/16S220J
R	3112 (A,225,16)		RS1/16S470J
R	3113 (A,225,13)		RS1/16S3R3J
R	3114 (A,267,26)		RS1/16S103J
R	3131 (A,181,39)		RS1/16S473J
R	3132 (A,185,37)		RS1/10S123J
R	3133 (A,188,37)		RS1/16S102J
R	3134 (A,188,39)		RS1/16S222J
R	3135 (A,185,42)		RS1/16S102J
R	3141 (A,285,98)		RS1/16S331J
R	3142 (A,291,99)		RS1/16S331J
R	3151 (A,190,12)		RAB4C103J
R	3152 (A,178,29)		RAB4C222J
R	3191 (A,186,98)	RESISTOR (0.1OHM,2W)	ACN7112
R	3192 (A,186,95)		RS1/16S103J
R	3193 (A,185,87)		RS1/16S103J
R	3194 (A,188,92)		RS1/16S104J
R	3195 (A,183,87)		RS1/16S104J
R	3196 (A,188,88)		RS1/16S222J
R	3197 (A,189,84)		RS1/16S103J
⚠ R	3199 (A,186,88)		RS1/16S8R2J
R	3204 (A,270,31)		RS1/16S221J
R	3205 (A,265,32)		RS1/16S103J
R	3206 (A,261,34)		RS1/16S101J

Mark	No.	Description	Part No.
R	3207 (A,261,33)		RS1/16S473J
R	3208 (A,261,36)		RS1/16S472J
⚠ R	3211 (A,275,58)	RESISTOR (2.7 OHM)	ACN7148
⚠ R	3212 (A,261,58)	RESISTOR (2.7 OHM)	ACN7148
⚠ R	3213 (A,273,58)	RESISTOR (2.7 OHM)	ACN7148
⚠ R	3214 (A,259,58)	RESISTOR (2.7 OHM)	ACN7148
R	3215 (A,278,62)	CHIP RESISTOR	RS1/8S1R5J
R	3216 (A,264,62)	CHIP RESISTOR	RS1/8S1R5J
R	3217 (A,269,62)	CHIP RESISTOR	RS1/8S1R5J
R	3218 (A,255,62)	CHIP RESISTOR	RS1/8S1R5J
R	3223 (A,278,37)		RS1/10S821J
R	3224 (A,255,37)		RS1/10S821J
R	3225 (A,280,37)		RS1/10S821J
R	3226 (A,253,37)		RS1/10S821J
⚠ R	3227 (A,286,84)		RS1/10S3R3J
⚠ R	3228 (A,270,84)		RS1/10S3R3J
R	3231 (A,250,98)		RS1/10S472J
R	3232 (A,250,101)		RS1/10S472J
R	3233 (A,251,94)		RS1/10S472J
R	3234 (A,250,109)		RS1/10S472J
⚠ R	3235 (A,252,97)		RS1/16S1R0J
⚠ R	3236 (A,256,97)		RS1/16S1R0J
⚠ R	3237 (A,252,94)		RS1/16S1R0J
⚠ R	3238 (A,250,106)		RS1/16S1R0J
⚠ R	3241 (A,276,56)		RS1/10S180J
⚠ R	3242 (A,262,56)		RS1/10S180J
⚠ R	3243 (A,272,56)		RS1/10S180J
⚠ R	3244 (A,258,56)		RS1/10S180J
R	3304 (A,241,31)		RS1/16S221J
R	3305 (A,235,32)		RS1/16S103J
R	3306 (A,231,34)		RS1/16S101J
R	3307 (A,231,33)		RS1/16S473J
R	3308 (A,231,36)		RS1/16S472J
⚠ R	3311 (A,245,58)	RESISTOR (2.7 OHM)	ACN7148
⚠ R	3312 (A,231,58)	RESISTOR (2.7 OHM)	ACN7148
⚠ R	3313 (A,243,58)	RESISTOR (2.7 OHM)	ACN7148
⚠ R	3314 (A,229,58)	RESISTOR (2.7 OHM)	ACN7148
R	3315 (A,248,62)	CHIP RESISTOR	RS1/8S1R5J
R	3316 (A,234,62)	CHIP RESISTOR	RS1/8S1R5J
R	3317 (A,239,62)	CHIP RESISTOR	RS1/8S1R5J
R	3318 (A,225,62)	CHIP RESISTOR	RS1/8S1R5J
R	3323 (A,248,37)		RS1/10S821J
R	3324 (A,225,37)		RS1/10S821J
R	3325 (A,250,37)		RS1/10S821J
R	3326 (A,223,37)		RS1/10S821J
⚠ R	3327 (A,253,84)		RS1/10S3R3J
⚠ R	3328 (A,237,84)		RS1/10S3R3J
R	3331 (A,223,92)		RS1/10S472J
R	3332 (A,237,92)		RS1/10S472J
R	3333 (A,227,92)		RS1/10S472J
R	3334 (A,213,92)		RS1/10S472J
⚠ R	3335 (A,220,92)		RS1/16S1R0J
⚠ R	3336 (A,240,92)		RS1/16S1R0J
⚠ R	3337 (A,230,92)		RS1/16S1R0J
⚠ R	3338 (A,210,92)		RS1/16S1R0J
⚠ R	3341 (A,246,56)		RS1/10S180J
⚠ R	3342 (A,232,56)		RS1/10S180J
⚠ R	3343 (A,242,56)		RS1/10S180J
⚠ R	3344 (A,228,56)		RS1/10S180J

Mark	No.	Description	Part No.
R	3404 (A,211,31)		RS1/16S221J
R	3405 (A,205,32)		RS1/16S103J
R	3406 (A,201,34)		RS1/16S101J
R	3407 (A,201,33)		RS1/16S473J
R	3408 (A,201,36)		RS1/16S472J
⚠ R	3411 (A,215,58)	RESISTOR (2.7 OHM)	ACN7148
⚠ R	3412 (A,201,58)	RESISTOR (2.7 OHM)	ACN7148
⚠ R	3413 (A,213,58)	RESISTOR (2.7 OHM)	ACN7148
⚠ R	3414 (A,199,58)	RESISTOR (2.7 OHM)	ACN7148
R	3415 (A,218,62)	CHIP RESISTOR	RS1/8S1R5J
R	3416 (A,204,62)	CHIP RESISTOR	RS1/8S1R5J
R	3417 (A,209,62)	CHIP RESISTOR	RS1/8S1R5J
R	3418 (A,195,62)	CHIP RESISTOR	RS1/8S1R5J
R	3423 (A,218,37)		RS1/10S821J
R	3424 (A,195,37)		RS1/10S821J
R	3425 (A,220,37)		RS1/10S821J
R	3426 (A,193,37)		RS1/10S821J
⚠ R	3427 (A,220,84)		RS1/10S3R3J
⚠ R	3428 (A,204,84)		RS1/10S3R3J
R	3431 (A,199,98)		RS1/10S472J
R	3432 (A,199,105)		RS1/10S472J
R	3433 (A,199,102)		RS1/10S472J
R	3434 (A,199,108)		RS1/10S472J
⚠ R	3435 (A,197,99)		RS1/16S1R0J
⚠ R	3436 (A,197,105)		RS1/16S1R0J
⚠ R	3437 (A,197,102)		RS1/16S1R0J
⚠ R	3438 (A,197,108)		RS1/16S1R0J
⚠ R	3441 (A,216,56)		RS1/10S180J
⚠ R	3442 (A,202,56)		RS1/10S180J
⚠ R	3443 (A,212,56)		RS1/10S180J
⚠ R	3444 (A,198,56)		RS1/10S180J
R	3601 (A,312,85)		RAB4C472J
R	3605 (A,304,85)		RS1/16S472J
R	3606 (A,304,105)		RS1/16S472J
R	3607 (A,308,88)		RS1/16S472J
R	3608 (A,308,102)		RS1/16S472J
R	3609 (A,303,89)		RS1/16S103J
R	3610 (A,303,101)		RS1/16S103J
R	3611 (A,307,88)		RS1/16S103J
R	3612 (A,307,102)		RS1/16S103J
R	3613 (A,300,90)		RS1/16S473J
R	3614 (A,300,100)		RS1/16S473J
R	3615 (A,299,90)		RS1/16S102J
R	3616 (A,299,100)		RS1/16S102J
R	3617 (A,299,93)		RS1/16S472J
R	3618 (A,299,97)		RS1/16S472J
R	3619 (A,286,92)		RS1/16S221J
R	3620 (A,286,95)		RS1/16S221J
⚠ R	3621 (A,315,90)		RS1/16S8R2J
R	3623 (A,313,90)		RS1/16S222J
R	3629 (A,297,90)		RS1/16S821J
R	3630 (A,297,100)		RS1/16S821J
R	3631 (A,292,92)		RS1/16S472J
R	3632 (A,292,95)		RS1/16S472J
R	3901 (A,216,17)		RAB4C472J
R	3905 (A,213,12)		RS1/16S562J
R	3906 (A,213,23)		RS1/16S562J
R	3907 (A,213,13)		RS1/16S562J
R	3908 (A,213,21)		RS1/16S562J
R	3909 (A,209,11)		RS1/16S183J

Mark	No.	Description	Part No.
R	3910 (A,209,22)		RS1/16S183J
R	3911 (A,209,14)		RS1/16S183J
R	3912 (A,209,17)		RS1/16S183J
R	3913 (A,220,15)		RS1/16S472J
R	3914 (A,219,20)		RS1/16S472J
R	3915 (A,219,15)		RS1/16S472J
R	3916 (A,220,19)		RS1/16S472J
⚠ R	3921 (A,202,16)		RS1/16S8R2J
R	3923 (A,200,16)		RS1/16S103J
R	3924 (A,200,13)		RS1/16S103J
R	4006 (A,156,30)		RS1/16S103J
R	4009 (A,95,85)		RS1/16S102J
R	4010 (A,103,80)		RS1/16S102J
R	4011 (A,91,68)		RS1/16S223J
R	4012 (A,102,71)		RS1/16S223J
R	4013 (A,91,69)		RS1/16S223J
R	4014 (A,102,68)		RS1/16S223J
R	4015 (A,88,78)		RS1/16S223J
R	4016 (A,103,76)		RS1/16S223J
R	4017 (A,90,78)		RS1/16S223J
R	4018 (A,104,74)		RS1/16S223J
R	4019 (A,101,62)		RS1/16S103J
R	4020 (A,100,68)		RS1/16S103J
R	4021 (A,95,83)		RS1/16S224J
R	4022 (A,103,84)		RS1/16S224J
R	4023 (A,91,85)		RS1/16S102J
R	4024 (A,104,80)		RS1/16S102J
R	4027 (A,91,74)		RS1/16S473J
R	4028 (A,115,73)		RS1/16S224J
R	4039 (A,92,93)		RS1/16S153J
R	4040 (A,103,82)		RS1/16S153J
R	4048 (A,117,92)		RS1/16S182J
R	4049 (A,125,92)		RAB4C101J
R	4058 (A,111,92)		RS1/16S0R0J
R	4059 (A,110,89)		RS1/16S0R0J
R	4073 (A,114,92)		RS1/16S332J
R	4081 (A,171,22)		RS1/16S105J
R	4082 (A,173,23)		RS1/16S105J
R	4083 (A,126,89)		RS1/16S0R0J
R	4084 (A,138,85)		RS1/16S0R0J
R	4085 (A,137,79)		RS1/16S0R0J
R	4090 (A,123,71)		RS1/16S0R0J
R	4609 (A,125,100)		RS1/16S221J
R	4902 (A,107,95)		RS1/16S104J
R	4903 (A,96,104)		RS1/16S392J
R	4905 (A,95,96)		RS1/16S101J
R	4906 (A,95,99)		RS1/16S333J
R	4907 (A,104,95)		RS1/16S333J
R	4908 (A,94,101)		RS1/16S472J
R	4910 (A,111,96)		RS1/16S682J
R	4911 (A,107,92)		RS1/16S101J
R	4913 (A,115,96)		RS1/16S104J
R	4914 (A,107,96)		RS1/16S472J
R	4915 (A,103,77)		RS1/16S473J
R	4951 (A,159,17)		RS1/16S473J
R	4952 (A,153,16)		RS1/16S473J
R	4955 (A,62,16)		RS1/16S182J
R	5501 (A,85,25)		RAB4C221J
R	5505 (A,86,28)		RS1/16S221J

Mark	No.	Description	Part No.
R	5506 (A,86,29)		RS1/16S221J
R	5507 (A,86,31)		RS1/16S221J
R	5508 (A,86,32)		RS1/16S222J
R	5509 (A,90,29)		RS1/16S0R0J
R	5510 (A,98,41)		RS1/16S473J
R	5515 (A,90,25)		RS1/16S473J
R	5516 (A,90,24)		RS1/16S473J
R	5517 (A,105,49)		RAB4C221J
R	5518 (A,98,50)		RS1/16S105J
R	5519 (A,106,29)		RS1/16S103J
R	5520 (A,103,29)		RS1/16S103J
R	5521 (A,108,41)		RS1/16S221J
R	5522 (A,109,49)		RAB4C221J
R	5527 (A,83,55)		RAB4C221J
R	5528 (A,136,57)		RS1/16S472J
R	5531 (A,64,19)		RS1/16S223J
R	5537 (A,71,60)		RS1/16S221J
R	5538 (A,69,59)		RS1/16S221J
R	5541 (A,68,67)		RAB4C221J
R	5542 (A,64,58)		RAB4C221J
R	5546 (A,72,74)		RS1/16S103J
R	5547 (A,70,73)		RS1/16S103J
R	5548 (A,49,55)		RAB4C221J
R	5557 (A,49,48)		RAB4C221J
R	5558 (A,34,47)		RS1/16S473J
R	5559 (A,26,46)		RS1/16S473J
R	5562 (A,49,45)		RS1/16S221J
R	5564 (A,49,44)		RS1/16S221J
R	5565 (A,49,42)		RS1/16S221J
R	5566 (A,49,40)		RAB4C221J
R	5569 (A,91,52)		RS1/16S221J
R	5570 (A,49,36)		RAB4C221J
R	5574 (A,67,19)		RS1/16S104J
R	5577 (A,50,29)		RAB4C221J
R	5581 (A,53,25)		RS1/16S221J
R	5582 (A,60,23)		RS1/16S221J
R	5583 (A,61,23)		RS1/16S103J
R	5584 (A,63,23)		RS1/16S221J
R	5590 (A,71,19)		RAB4C221J
R	5597 (A,70,16)		RS1/16S153J
R	5598 (A,79,21)		RAB4C221J
R	5712 (A,27,66)		RS1/16S123J
R	5713 (A,27,71)		RS1/16S123J
R	5931 (A,78,105)		RS1/16S182J
R	5933 (A,70,98)		RS1/16S104J
R	5934 (A,69,95)		RS1/16S102J
R	5935 (A,71,95)		RS1/16S103J
R	5936 (A,82,105)		RS1/16S182J
R	5937 (A,87,102)		RS1/16S473J
R	5938 (A,82,100)		RS1/16S272J
R	5939 (A,82,99)		RS1/16S332J
R	5940 (A,74,101)		RS1/16S101J
R	5942 (A,74,97)		RS1/16S104J
R	9000 (A,42,30)		RS1/16S0R0J

CAPACITORS

Mark	No.	Description	Part No.
C	427 (A,56,92)	ELECT. CAPACITOR	CEAT102M6R3
C	771 (A,121,34)		CKSQYB105K16
C	773 (A,121,37)		CKSRYB104K16
C	781 (A,127,42)		CEAT100M50
C	782 (A,136,49)		CKSQYB225K10
C	1205 (A,24,14)		CKSRYB104K16
C	1207 (A,77,13)		CKSRYB102K50
C	1208 (A,83,17)		CCSRCH471J50
C	1209 (A,113,21)		CKSRYB104K16
C	1210 (A,116,16)		CKSRYB104K16
C	1211 (A,113,14)		CKSRYB104K16
C	1301 (A,18,33)		CKSRYB105K6R3
C	1501 (A,90,44)		CKSRYB103K50
C	1502 (A,97,44)		CKSRYB104K16
C	1505 (A,87,46)		CEAT101M10
C	3101 (A,229,14)		CKSRYB224K16
C	3102 (A,228,12)		CKSRYB103K50
C	3103 (A,228,8)		CKSRYB104K16
C	3104 (A,232,8)		CKSRYB104K16
C	3105 (A,231,12)		CKSRYB103K50
C	3106 (A,234,10)		CKSRYB104K16
C	3107 (A,236,10)		CKSRYB104K16
C	3108 (A,249,9)		CEVW100M10
C	3109 (A,237,10)		CKSRYB102K50
C	3110 (A,244,14)		CKSRYB104K16
C	3111 (A,257,9)		CEVW100M10
C	3112 (A,245,15)		CKSRYB104K16
C	3113 (A,247,15)		CCSRCH180J50
C	3114 (A,248,15)		CCSRCH150J50
C	3115 (A,245,26)		CKSRYB474K10
C	3116 (A,246,26)		CKSRYB104K16
C	3117 (A,255,25)		CEVW100M10
C	3118 (A,231,28)		CKSRYB104K16
C	3119 (A,227,23)		CKSRYB104K16
C	3120 (A,224,25)		CEVW100M10
C	3141 (A,285,99)		CCSRCH221J50
C	3142 (A,288,99)		CCSRCH221J50
C	3151 (A,175,46)		CKSRYB104K16
C	3192 (A,186,92)		CKSRYB104K25
C	3201 (A,276,38)		CKSQYB105K16
C	3202 (A,258,38)		CKSQYB105K16
C	3203 (A,267,33)		CKSRYB104K16
C	3204 (A,261,37)		CKSRYB104K16
C	3211 (A,279,57)		CKSQYB104K50
C	3212 (A,265,57)		CKSQYB104K50
C	3213 (A,269,57)		CKSQYB104K50
C	3214 (A,255,57)		CKSQYB104K50
C	3215 (A,275,63)		CKSRYB333K50
C	3216 (A,261,63)		CKSRYB333K50
C	3217 (A,273,63)		CKSRYB333K50
C	3218 (A,259,63)		CKSRYB333K50
C	3221 (A,278,89)	ELECT. CAPACITOR	CEAT102M25
C	3223 (A,284,84)		CKSRYB103K50
C	3224 (A,267,84)		CKSRYB103K50
C	3225 (A,273,84)		CKSRYB102K50
C	3226 (A,256,84)		CKSRYB102K50
C	3227 (A,276,47)		CKSRYB104K25
C	3228 (A,257,47)		CKSRYB104K25
C	3231 (A,276,83)		CFTLA474J50
C	3232 (A,259,83)		CFTLA474J50
C	3233 (A,238,100)		CKSRYB104K25
C	3234 (A,240,106)		CKSRYB104K25
C	3235 (A,240,100)		CKSRYB104K25

Mark	No.	Description	Part No.
C	3236 (A,243,106)		CKSRYB104K25
C	3237 (A,255,97)		CKSRYB103K50
C	3238 (A,258,97)		CKSRYB103K50
C	3239 (A,255,94)		CKSRYB103K50
C	3240 (A,250,104)		CKSRYB103K50
C	3241 (A,277,54)		CKSRYB331K50
C	3242 (A,263,54)		CKSRYB331K50
C	3243 (A,271,54)		CKSRYB331K50
C	3244 (A,257,54)		CKSRYB331K50
C	3301 (A,246,38)		CKSQYB105K16
C	3302 (A,228,38)		CKSQYB105K16
C	3303 (A,237,33)		CKSRYB104K16
C	3304 (A,231,37)		CKSRYB104K16
C	3311 (A,249,57)		CKSQYB104K50
C	3312 (A,235,57)		CKSQYB104K50
C	3313 (A,239,57)		CKSQYB104K50
C	3314 (A,225,57)		CKSQYB104K50
C	3315 (A,245,63)		CKSRYB333K50
C	3316 (A,231,63)		CKSRYB333K50
C	3317 (A,243,63)		CKSRYB333K50
C	3318 (A,229,63)		CKSRYB333K50
C	3321 (A,262,89)	ELECT. CAPACITOR	CEAT102M25
C	3323 (A,251,84)		CKSRYB103K50
C	3324 (A,234,84)		CKSRYB103K50
C	3325 (A,240,84)		CKSRYB102K50
C	3326 (A,223,84)		CKSRYB102K50
C	3327 (A,246,47)		CKSRYB104K25
C	3328 (A,227,47)		CKSRYB104K25
C	3331 (A,243,83)		CFTLA474J50
C	3332 (A,226,83)		CFTLA474J50
C	3333 (A,222,100)		CKSRYB104K25
C	3334 (A,229,105)		CKSRYB104K25
C	3335 (A,225,100)		CKSRYB104K25
C	3336 (A,226,105)		CKSRYB104K25
C	3337 (A,217,92)		CKSRYB103K50
C	3338 (A,243,92)		CKSRYB103K50
C	3339 (A,233,92)		CKSRYB103K50
C	3340 (A,207,92)		CKSRYB103K50
C	3341 (A,247,54)		CKSRYB331K50
C	3342 (A,233,54)		CKSRYB331K50
C	3343 (A,241,54)		CKSRYB331K50
C	3344 (A,227,54)		CKSRYB331K50
C	3401 (A,216,38)		CKSQYB105K16
C	3402 (A,198,38)		CKSQYB105K16
C	3403 (A,207,33)		CKSRYB104K16
C	3404 (A,201,37)		CKSRYB104K16
C	3411 (A,219,57)		CKSQYB104K50
C	3412 (A,205,57)		CKSQYB104K50
C	3413 (A,209,57)		CKSQYB104K50
C	3414 (A,195,57)		CKSQYB104K50
C	3415 (A,215,63)		CKSRYB333K50
C	3416 (A,201,63)		CKSRYB333K50
C	3417 (A,213,63)		CKSRYB333K50
C	3418 (A,199,63)		CKSRYB333K50
C	3421 (A,196,89)	ELECT. CAPACITOR	CEAT102M25
C	3423 (A,218,84)		CKSRYB103K50
C	3424 (A,201,84)		CKSRYB103K50
C	3425 (A,207,84)		CKSRYB102K50
C	3426 (A,190,82)		CKSRYB102K50

Mark	No.	Description	Part No.
C	3427 (A,216,47)		CKSRYB104K25
C	3428 (A,197,47)		CKSRYB104K25
C	3431 (A,210,83)		CFTLA474J50
C	3432 (A,193,83)		CFTLA474J50
C	3433 (A,208,100)		CKSRYB104K25
C	3434 (A,214,105)		CKSRYB104K25
C	3435 (A,210,100)		CKSRYB104K25
C	3436 (A,211,105)		CKSRYB104K25
C	3437 (A,195,99)		CKSRYB103K50
C	3438 (A,195,105)		CKSRYB103K50
C	3439 (A,195,102)		CKSRYB103K50
C	3440 (A,195,108)		CKSRYB103K50
C	3441 (A,217,54)		CKSRYB331K50
C	3442 (A,203,54)		CKSRYB331K50
C	3443 (A,211,54)		CKSRYB331K50
C	3444 (A,197,54)		CKSRYB331K50
C	3601 (A,305,85)		CCSRCH821J50
C	3602 (A,305,105)		CCSRCH821J50
C	3603 (A,308,85)		CCSRCH821J50
C	3604 (A,308,105)		CCSRCH821J50
C	3605 (A,303,87)		CCSRCH331J50
C	3606 (A,303,102)		CCSRCH331J50
C	3607 (A,307,85)		CCSRCH331J50
C	3608 (A,307,105)		CCSRCH331J50
C	3609 (A,299,85)		CEVW100M16
C	3610 (A,300,106)		CEVW100M16
C	3611 (A,296,90)		CCSRCH821J50
C	3612 (A,296,100)		CCSRCH821J50
C	3621 (A,312,102)		CEVW100M25
C	3622 (A,313,95)		CEVW100M16
C	3623 (A,310,97)		CKSRYB104K25
C	3624 (A,310,94)		CKSRYB104K16
C	3901 (A,212,15)		CCSRCH681J50
C	3902 (A,212,19)		CCSRCH681J50
C	3903 (A,214,15)		CCSRCH681J50
C	3904 (A,214,19)		CCSRCH681J50
C	3905 (A,211,12)		CCSRCH181J50
C	3906 (A,211,22)		CCSRCH181J50
C	3907 (A,211,15)		CCSRCH561J50
C	3908 (A,211,19)		CCSRCH561J50
C	3921 (A,215,8)		CEVW100M25
C	3922 (A,223,8)		CEVW100M16
C	3923 (A,202,20)		CKSRYB104K25
C	3924 (A,202,13)		CKSRYB104K16
C	4001 (A,97,69)		CKSRYB103K50
C	4011 (A,95,65)		CEAT100M50
C	4012 (A,112,64)		CEAT100M50
C	4015 (A,87,72)		CEAT100M50
C	4016 (A,105,71)		CEAT100M50
C	4019 (A,105,64)		CEAT100M50
C	4020 (A,118,62)		CEAT100M50
C	4021 (A,97,93)		CKSRYB104K16
C	4022 (A,101,93)		CKSRYB104K16
C	4023 (A,96,89)	ELECT. CAPACITOR	CEAT470M35
C	4024 (A,125,59)	ELECT. CAPACITOR	CEAT470M35
C	4025 (A,90,89)		CEAT100M50
C	4026 (A,102,89)		CEAT100M50
C	4027 (A,116,71)		CKSRYB104K16
C	4028 (A,111,73)		CKSRYB104K16

Mark	No.	Description	Part No.
C	4029 (A,109,69)		CKSQYB225K10
C	4041 (A,119,78)		CEAT100M50
C	4042 (A,114,78)		CKSRYB104K16
C	4043 (A,108,78)		CEAT2R2M50
C	4044 (A,112,78)		CKSRYB104K16
C	4045 (A,121,84)		CEAT100M50
C	4046 (A,124,87)		CKSRYB104K16
C	4048 (A,115,92)		CKSRYB103K50
C	4613 (A,135,101)		CKSRYB104K16
C	4614 (A,133,105)		CEAT101M16
C	4615 (A,132,100)		CKSRYB104K16
C	4901 (A,91,106)		CKSRYB104K16
C	4902 (A,107,93)		CCSRCH101J50
C	4903 (A,95,98)		CCSRCH330J50
C	4904 (A,104,96)		CCSRCH330J50
C	4905 (A,115,94)		CCSRCH471J50
C	4906 (A,93,104)		CKSQYB105K16
C	4907 (A,94,108)	ELECT. CAPACITOR	CEAT470M35
C	4908 (A,100,96)		CKSQYB105K16
C	4909 (A,86,108)		CEAT100M50
C	4910 (A,111,94)		CKSQYB105K16
C	4911 (A,104,108)		CEAT100M50
C	4951 (A,158,21)		CEAT101M16
C	4952 (A,149,21)		CEAT101M16
C	5502 (A,94,46)		CEAT101M10
C	5504 (A,88,24)		CKSRYB103K50
C	5508 (A,88,29)		CKSRYB103K50
C	5509 (A,83,35)		CKSRYB104K16
C	5517 (A,82,42)		CKSRYB103K50
C	5518 (A,82,44)		CKSRYB104K16
C	5519 (A,103,32)		CKSRYB103K50
C	5521 (A,106,45)		CKSRYB104K16
C	5522 (A,106,41)		CKSRYB103K50
C	5524 (A,101,44)		CEAT100M50
C	5539 (A,69,57)		CKSRYB104K16
C	5555 (A,54,48)		CKSRYB104K16
C	5557 (A,33,42)		CKSRYB104K16
C	5558 (A,35,47)		CCSRCH470J50
C	5577 (A,53,30)		CKSRYB103K50
C	5578 (A,53,28)		CKSRYB103K50
C	5579 (A,66,19)		CKSRYB102K50
C	5589 (A,67,23)		CKSRYB104K16
C	5601 (A,135,11)		CKSRYB102K50
C	5602 (A,86,16)		CKSRYB102K50
C	5603 (A,135,8)		CKSRYB102K50
C	5604 (A,97,17)		CKSRYB104K16
C	5605 (A,98,17)		CKSRYB104K16
C	5606 (A,78,17)		CKSRYB102K50
C	5701 (A,30,56)		CCSRCH101J50
C	5703 (A,38,56)		CCSRCH101J50
C	5707 (A,38,64)		CKSRYB102K50
C	5708 (A,42,62)	ELECT. CAPACITOR	CEAT470M35
C	5712 (A,56,71)		CCSRCH270J50
C	5713 (A,45,71)		CKSRYB472K50
C	5714 (A,56,68)		CCSRCH270J50
C	5715 (A,55,65)		CKSRYB103K50
C	5716 (A,45,63)		CCSRCH561J50
C	5719 (A,52,77)		CEAT100M50
C	5720 (A,58,61)	ELECT. CAPACITOR	CEAT470M35

Mark	No.	Description	Part No.
C	5931 (A,74,105)		CCSRCH221J50
C	5932 (A,74,104)		CCSRCH221J50
C	5936 (A,82,107)		CCSRCH221J50

B SYSMAIN ASSY (XV-DV385K)

MISCELLANEOUS

Mark	No.	Description	Part No.
⚠ IC	771 (A,121,39)	LOAD SWITCHING	AAT4618IGV-0.5-1
⚠ IC	781 (A,134,40)	REGULATOR IC	NJM2845DL1-05
IC	3101 (A,237,20)	8CH PWM PROCESSOR IC	TAS5508BPAG
IC	3191 (A,182,94)	OP-AMP IC	BA10358F
⚠ IC	3201 (A,267,44)	DIGITAL AMP IC	TAS5122DCA
⚠ IC	3301 (A,237,44)	DIGITAL AMP IC	TAS5122DCA
⚠ IC	3401 (A,207,44)	DIGITAL AMP IC	TAS5122DCA
IC	3601 (A,306,95)	DUAL OP-AMP	NJM4565MD
IC	3901 (A,206,16)	DUAL OP-AMP	NJM4565MD
IC	4001 (A,96,75)	IC	TC4052BFN
IC	4003 (A,114,85)	AD CONVERTER IC	AK5358AET
IC	4004 (A,125,68)	IC	TC7WU04FU
IC	4005 (A,131,84)	IC	TC74VHC157FTS1
IC	4961 (A,48,18)	AD CONVERTER IC	AK5358AET
IC	5501 (A,68,40)	SYSTEM CONTROL MICON	PDC176A
IC	5502 (A,30,46)	EEPROM	S-93C46BD0I-J8T1
IC	5701 (A,50,67)	RDS DECORDER IC	LC72725KM
Q	491 (A,76,79)	TRANSISTOR	RT1N241M
Q	1301 (A,128,16)	TRANSISTOR(SC-70)	2SA1602A
Q	1302 (A,24,35)	TRANSISTOR	2SA1577
Q	1303 (A,133,18)	TRANSISTOR	2SC4154
Q	1304 (A,19,31)	TRANSISTOR	2SC4154
Q	1402 (A,132,25)	TRANSISTOR(SC-70)	2SA1602A
Q	1413 (A,130,29)	TRANSISTOR	RT1N241M
Q	3131 (A,181,35)	TRANSISTOR	2SA1036K
Q	3132 (A,189,34)	DIGITAL TR(SC-70)	RT1N431M
Q	3601 (A,296,95)	TRANSISTOR	IMX9
Q	3602 (A,300,79)	DIGITAL TR(SC-70)	RT1P241M
Q	3603 (A,289,93)	TRANSISTOR	IMX9
Q	3604 (A,269,27)	DIGITAL TR(SC-70)	RT1P241M
Q	4005 (A,99,83)	CHIP TRANSISTOR	HN1A01FU
Q	4006 (A,151,31)	TRANSISTOR	RT1N241M
Q	4951 (A,65,15)	TRANSISTOR	RT1N241M
Q	5525 (A,103,40)	DIGITAL TR(SC-70)	RT1N431M
Q	5703 (A,41,68)	CHIP TRANSISTOR	HN1C01FU
Q	5931 (A,86,99)	TRANSISTOR	RT1N241M
Q	5932 (A,78,98)	TRANSISTOR	RT3N22M
Q	5934 (A,82,103)	TRANSISTOR(SC-70)	2SA1602A
Q	5935 (A,74,94)	TRANSISTOR(SC-70)	2SA1602A
Q	5936 (A,78,103)	DIGITAL TR(SC-70)	RT1P241M
D	1403 (A,127,13)	DIODE	MC2846-11
D	1415 (A,134,30)	DIODE	UDZS4R7(B)
D	3101 (A,264,26)	DIODE	MC2846-11
D	3131 (A,184,39)	DIODE	UDZS18(B)
D	3133 (A,181,42)	DIODE	1SS352
D	3134 (A,183,42)	DIODE	UDZS15(B)
D	3191 (A,198,26)	DIODE	UDZS4R7(B)
D	3603 (A,313,81)	DIODE	UDZS12(B)
D	4961 (A,50,12)	DIODE	UDZS3R9(B)
D	4962 (A,50,14)	DIODE	UDZS3R9(B)
D	5931 (A,78,107)	DIODE	1SS352
D	5933 (A,66,98)	DIODE	1SS352

Mark	No.	Description	Part No.
D	5936 (A,74,99)	DIODE	1SS352
L	772 (A,124,45)	CHIP SOLID INDUCTOR	ATL7002
L	1501 (A,93,33)	AXIAL INDUCTOR	LAU220J
L	3201 (A,284,68)	INDUCTORS	ATH7019
L	3202 (A,267,68)	INDUCTORS	ATH7019
L	3301 (A,251,68)	INDUCTORS	ATH7019
L	3302 (A,234,68)	INDUCTORS	ATH7019
L	3401 (A,218,68)	INDUCTORS	ATH7019
L	3402 (A,201,68)	INDUCTORS	ATH7019
L	4951 (A,156,17)	INDUCTOR	CTF1346
L	4952 (A,151,17)	INDUCTOR	CTF1346
L	5931 (A,74,107)	CHIP SOLID INDUCTOR	QTL1013
L	5932 (A,74,102)	CHIP SOLID INDUCTOR	QTL1013
L	5933 (A,62,103)	CHIP SOLID INDUCTOR	QTL1013
L	5934 (A,62,98)	CHIP SOLID INDUCTOR	QTL1013
JA	403 (A,52,114)	JACK	XKB3069
JA	5931 (A,67,112)	MINI JACK(4P) /W SW	XKN3015
X	3101 (A,254,16)	CRYSTAL RESONATOR (13.5 MHz)	ASS7062
X	4004 (A,133,65)	CRYSTAL RESONATOR (12.288 MHz)	VSS1140
X	5501 (A,86,41)	CERAMIC RESONATOR (10 MHz)	ASS7034
X	5701 (A,61,73)	CRYSTAL RESONATOR (4.332 MHz)	ASS7004
CN	451 (A,54,83)	CONNECTOR	9604S-23C
CN	1001 (A,107,8)	CONNECTOR ASS'Y	PG13KA-F07
CN	3111 (A,279,114)	PIN JACK(4P)	AKB7114
CN	3201 (A,176,61)	2P CONNECTOR	B2P-VH
CN	3211 (A,225,114)	6CH SPEAKER JACK(V0)	AKE7121
CN	5501 (A,100,30)	CONNECTOR	9604S-07C
CN	5603 (A,36,12)	27P CONNECTOR	VKN1258
CN	5605 (A,17,62)	13P CONNECTOR	VKN1244
CN	5701 (A,36,61)	CONNECTOR	9604S-11C
CN	9000 (A,23,78)	17P CONNECTOR	VKN1248
CN	9001 (A,98,11)	CONNECTOR	9604S-29C
	102 (A,44,8)	PCB BINDER	VEF1040
	101 (A,312,49)	PCB BINDER	VEF1040

RESISTORS

Mark	No.	Description	Part No.
R	421 (A,51,99)		RS1/10S75R0F
R	491 (A,75,75)		RS1/16S103J
R	771 (A,124,47)		RS1/16S221J
R	772 (A,128,46)		RS1/16S104J
R	1301 (A,132,15)		RS1/16S473J
R	1302 (A,129,18)		RS1/16S392J
R	1303 (A,23,33)		RS1/16S473J
R	1304 (A,23,31)		RS1/10S561J
R	1306 (A,18,35)		RS1/16S103J
R	1307 (A,129,20)		RS1/16S472J
R	1401 (A,129,21)		RS1/16S392J
R	1402 (A,134,21)		RS1/16S332J
R	1403 (A,132,23)		RS1/16S473J
R	1404 (A,135,26)		RS1/16S393J
R	1415 (A,129,24)		RS1/16S182J
R	3101 (A,226,12)		RS1/16S221J
R	3102 (A,229,12)		RS1/16S221J
R	3103 (A,263,10)		RS1/16S4R7J
R	3104 (A,243,11)		RAB4C221J
R	3106 (A,248,17)		RS1/16S105J

Mark	No.	Description	Part No.
R	3107 (A,249,20)		RAB4C470J
R	3108 (A,249,24)		RAB4C470J
R	3111 (A,227,26)		RS1/16S220J
R	3112 (A,225,16)		RS1/16S470J
R	3113 (A,225,13)		RS1/16S3R3J
R	3114 (A,267,26)		RS1/16S103J
R	3131 (A,181,39)		RS1/16S473J
R	3132 (A,185,37)		RS1/10S123J
R	3133 (A,188,37)		RS1/16S102J
R	3134 (A,188,39)		RS1/16S222J
R	3135 (A,185,42)		RS1/16S102J
R	3141 (A,285,98)		RS1/16S331J
R	3142 (A,291,99)		RS1/16S331J
R	3151 (A,190,12)		RAB4C103J
R	3152 (A,178,29)		RAB4C222J
R	3191 (A,186,98)	RESISTOR (0.1OHM,2W)	ACN7112
R	3192 (A,186,95)		RS1/16S103J
R	3193 (A,185,87)		RS1/16S103J
R	3194 (A,188,92)		RS1/16S104J
R	3195 (A,183,87)		RS1/16S104J
R	3196 (A,188,88)		RS1/16S222J
R	3197 (A,189,84)		RS1/16S103J
⚠ R	3199 (A,186,88)		RS1/16S8R2J
R	3204 (A,270,31)		RS1/16S221J
R	3205 (A,265,32)		RS1/16S103J
R	3206 (A,261,34)		RS1/16S101J
R	3207 (A,261,33)		RS1/16S473J
R	3208 (A,261,36)		RS1/16S472J
⚠ R	3211 (A,275,58)	RESISTOR (2.7 OHM)	ACN7148
⚠ R	3212 (A,261,58)	RESISTOR (2.7 OHM)	ACN7148
⚠ R	3213 (A,273,58)	RESISTOR (2.7 OHM)	ACN7148
⚠ R	3214 (A,259,58)	RESISTOR (2.7 OHM)	ACN7148
R	3215 (A,278,62)	CHIP RESISTOR	RS1/8S1R5J
R	3216 (A,264,62)	CHIP RESISTOR	RS1/8S1R5J
R	3217 (A,269,62)	CHIP RESISTOR	RS1/8S1R5J
R	3218 (A,255,62)	CHIP RESISTOR	RS1/8S1R5J
R	3223 (A,278,37)		RS1/10S821J
R	3224 (A,255,37)		RS1/10S821J
R	3225 (A,280,37)		RS1/10S821J
R	3226 (A,253,37)		RS1/10S821J
⚠ R	3227 (A,286,84)		RS1/10S3R3J
⚠ R	3228 (A,270,84)		RS1/10S3R3J
R	3231 (A,250,98)		RS1/10S472J
R	3232 (A,250,101)		RS1/10S472J
R	3233 (A,251,94)		RS1/10S472J
R	3234 (A,250,109)		RS1/10S472J
⚠ R	3235 (A,252,97)		RS1/16S1R0J
⚠ R	3236 (A,256,97)		RS1/16S1R0J
⚠ R	3237 (A,252,94)		RS1/16S1R0J
⚠ R	3238 (A,250,106)		RS1/16S1R0J
⚠ R	3241 (A,276,56)		RS1/10S180J
⚠ R	3242 (A,262,56)		RS1/10S180J
⚠ R	3243 (A,272,56)		RS1/10S180J
⚠ R	3244 (A,258,56)		RS1/10S180J
R	3304 (A,241,31)		RS1/16S221J
R	3305 (A,235,32)		RS1/16S103J
R	3306 (A,231,34)		RS1/16S101J
R	3307 (A,231,33)		RS1/16S473J
R	3308 (A,231,36)		RS1/16S472J
⚠ R	3311 (A,245,58)	RESISTOR (2.7 OHM)	ACN7148

Mark	No.	Description	Part No.
⚠ R	3312 (A,231,58)	RESISTOR (2.7 OHM)	ACN7148
⚠ R	3313 (A,243,58)	RESISTOR (2.7 OHM)	ACN7148
⚠ R	3314 (A,229,58)	RESISTOR (2.7 OHM)	ACN7148
R	3315 (A,248,62)	CHIP RESISTOR	RS1/8S1R5J
R	3316 (A,234,62)	CHIP RESISTOR	RS1/8S1R5J
R	3317 (A,239,62)	CHIP RESISTOR	RS1/8S1R5J
R	3318 (A,225,62)	CHIP RESISTOR	RS1/8S1R5J
R	3323 (A,248,37)		RS1/10S821J
R	3324 (A,225,37)		RS1/10S821J
R	3325 (A,250,37)		RS1/10S821J
R	3326 (A,223,37)		RS1/10S821J
⚠ R	3327 (A,253,84)		RS1/10S3R3J
⚠ R	3328 (A,237,84)		RS1/10S3R3J
R	3331 (A,223,92)		RS1/10S472J
R	3332 (A,237,92)		RS1/10S472J
R	3333 (A,227,92)		RS1/10S472J
R	3334 (A,213,92)		RS1/10S472J
⚠ R	3335 (A,220,92)		RS1/16S1R0J
⚠ R	3336 (A,240,92)		RS1/16S1R0J
⚠ R	3337 (A,230,92)		RS1/16S1R0J
⚠ R	3338 (A,210,92)		RS1/16S1R0J
⚠ R	3341 (A,246,56)		RS1/10S180J
⚠ R	3342 (A,232,56)		RS1/10S180J
⚠ R	3343 (A,242,56)		RS1/10S180J
⚠ R	3344 (A,228,56)		RS1/10S180J
R	3404 (A,211,31)		RS1/16S221J
R	3405 (A,205,32)		RS1/16S103J
R	3406 (A,201,34)		RS1/16S101J
R	3407 (A,201,33)		RS1/16S473J
R	3408 (A,201,36)		RS1/16S472J
⚠ R	3411 (A,215,58)	RESISTOR (2.7 OHM)	ACN7148
⚠ R	3412 (A,201,58)	RESISTOR (2.7 OHM)	ACN7148
⚠ R	3413 (A,213,58)	RESISTOR (2.7 OHM)	ACN7148
⚠ R	3414 (A,199,58)	RESISTOR (2.7 OHM)	ACN7148
R	3415 (A,218,62)	CHIP RESISTOR	RS1/8S1R5J
R	3416 (A,204,62)	CHIP RESISTOR	RS1/8S1R5J
R	3417 (A,209,62)	CHIP RESISTOR	RS1/8S1R5J
R	3418 (A,195,62)	CHIP RESISTOR	RS1/8S1R5J
R	3423 (A,218,37)		RS1/10S821J
R	3424 (A,195,37)		RS1/10S821J
R	3425 (A,220,37)		RS1/10S821J
R	3426 (A,193,37)		RS1/10S821J
⚠ R	3427 (A,220,84)		RS1/10S3R3J
⚠ R	3428 (A,204,84)		RS1/10S3R3J
R	3431 (A,199,98)		RS1/10S472J
R	3432 (A,199,105)		RS1/10S472J
R	3433 (A,199,102)		RS1/10S472J
R	3434 (A,199,108)		RS1/10S472J
⚠ R	3435 (A,197,99)		RS1/16S1R0J
⚠ R	3436 (A,197,105)		RS1/16S1R0J
⚠ R	3437 (A,197,102)		RS1/16S1R0J
⚠ R	3438 (A,197,108)		RS1/16S1R0J
⚠ R	3441 (A,216,56)		RS1/10S180J
⚠ R	3442 (A,202,56)		RS1/10S180J
⚠ R	3443 (A,212,56)		RS1/10S180J
⚠ R	3444 (A,198,56)		RS1/10S180J
R	3601 (A,312,85)		RAB4C472J
R	3605 (A,304,85)		RS1/16S472J
R	3606 (A,304,105)		RS1/16S472J

Mark	No.	Description	Part No.
R	3607 (A,308,88)		RS1/16S472J
R	3608 (A,308,102)		RS1/16S472J
R	3609 (A,303,89)		RS1/16S103J
R	3610 (A,303,101)		RS1/16S103J
R	3611 (A,307,88)		RS1/16S103J
R	3612 (A,307,102)		RS1/16S103J
R	3613 (A,300,90)		RS1/16S473J
R	3614 (A,300,100)		RS1/16S473J
R	3615 (A,299,90)		RS1/16S102J
R	3616 (A,299,100)		RS1/16S102J
R	3617 (A,299,93)		RS1/16S472J
R	3618 (A,299,97)		RS1/16S472J
R	3619 (A,286,92)		RS1/16S221J
R	3620 (A,286,95)		RS1/16S221J
⚠ R	3621 (A,315,90)		RS1/16S8R2J
R	3623 (A,313,90)		RS1/16S222J
R	3629 (A,297,90)		RS1/16S821J
R	3630 (A,297,100)		RS1/16S821J
R	3631 (A,292,92)		RS1/16S472J
R	3632 (A,292,95)		RS1/16S472J
R	3901 (A,216,17)		RAB4C472J
R	3905 (A,213,12)		RS1/16S562J
R	3906 (A,213,23)		RS1/16S562J
R	3907 (A,213,13)		RS1/16S562J
R	3908 (A,213,21)		RS1/16S562J
R	3909 (A,209,11)		RS1/16S183J
R	3910 (A,209,22)		RS1/16S183J
R	3911 (A,209,14)		RS1/16S183J
R	3912 (A,209,17)		RS1/16S183J
R	3913 (A,220,15)		RS1/16S472J
R	3914 (A,219,20)		RS1/16S472J
R	3915 (A,219,15)		RS1/16S472J
R	3916 (A,220,19)		RS1/16S472J
⚠ R	3921 (A,202,16)		RS1/16S8R2J
R	3923 (A,200,16)		RS1/16S103J
R	3924 (A,200,13)		RS1/16S103J
R	4006 (A,156,30)		RS1/16S103J
R	4009 (A,95,85)		RS1/16S102J
R	4010 (A,103,80)		RS1/16S102J
R	4011 (A,91,68)		RS1/16S223J
R	4012 (A,102,71)		RS1/16S223J
R	4013 (A,91,69)		RS1/16S223J
R	4014 (A,102,68)		RS1/16S223J
R	4015 (A,88,78)		RS1/16S223J
R	4016 (A,103,76)		RS1/16S223J
R	4017 (A,90,78)		RS1/16S223J
R	4018 (A,104,74)		RS1/16S223J
R	4019 (A,101,62)		RS1/16S272J
R	4020 (A,100,68)		RS1/16S272J
R	4021 (A,95,83)		RS1/16S224J
R	4022 (A,103,84)		RS1/16S224J
R	4023 (A,91,85)		RS1/16S102J
R	4024 (A,104,80)		RS1/16S102J
R	4025 (A,116,67)		RS1/16S102J
R	4026 (A,116,66)		RS1/16S102J
R	4027 (A,91,74)		RS1/16S473J
R	4039 (A,92,93)		RS1/16S153J
R	4040 (A,103,82)		RS1/16S153J
R	4048 (A,117,92)		RS1/16S182J

Mark	No.	Description	Part No.
R	4049	(A,125,92)	RAB4C101J
R	4052	(A,121,67)	RS1/16S0R0J
R	4053	(A,121,70)	RS1/16S101J
R	4054	(A,124,71)	RS1/16S101J
R	4055	(A,128,71)	RS1/16S105J
R	4056	(A,128,65)	RS1/16S101J
R	4057	(A,109,86)	RS1/16S0R0J
R	4060	(A,112,92)	RS1/16S0R0J
R	4061	(A,130,89)	RS1/16S221J
R	4062	(A,126,88)	RS1/16S221J
R	4063	(A,128,80)	RS1/16S221J
R	4065	(A,138,84)	RS1/16S221J
R	4066	(A,134,79)	RS1/16S101J
R	4067	(A,137,82)	RS1/16S101J
R	4073	(A,114,92)	RS1/16S332J
R	4081	(A,171,22)	RS1/16S105J
R	4082	(A,173,23)	RS1/16S105J
R	4915	(A,103,77)	RS1/16S473J
R	4951	(A,159,17)	RS1/16S473J
R	4952	(A,153,16)	RS1/16S473J
R	4955	(A,62,16)	RS1/16S182J
R	4965	(A,42,18)	RS1/16S221J
R	4966	(A,54,10)	RS1/16S102J
R	4967	(A,47,12)	RS1/16S332J
R	4968	(A,46,10)	RS1/16S182J
R	4969	(A,42,13)	RAB4C101J
R	5501	(A,85,25)	RAB4C221J
R	5502	(A,60,18)	RS1/16S104J
R	5505	(A,86,28)	RS1/16S221J
R	5506	(A,86,29)	RS1/16S221J
R	5507	(A,86,31)	RS1/16S221J
R	5508	(A,86,32)	RS1/16S222J
R	5509	(A,90,29)	RS1/16S0R0J
R	5510	(A,98,41)	RS1/16S473J
R	5513	(A,93,25)	RS1/16S153J
R	5514	(A,93,24)	RS1/16S473J
R	5515	(A,90,25)	RS1/16S823J
R	5516	(A,90,24)	RS1/16S473J
R	5517	(A,105,49)	RAB4C221J
R	5518	(A,98,50)	RS1/16S105J
R	5519	(A,106,29)	RS1/16S103J
R	5520	(A,103,29)	RS1/16S103J
R	5521	(A,108,41)	RS1/16S221J
R	5527	(A,83,55)	RAB4C221J
R	5531	(A,64,19)	RS1/16S0R0J
R	5541	(A,68,67)	RAB4C221J
R	5543	(A,118,52)	RS1/16S0R0J
R	5544	(A,72,71)	RS1/16S0R0J
R	5546	(A,72,74)	RS1/16S103J
R	5547	(A,70,73)	RS1/16S103J
R	5548	(A,49,55)	RAB4C221J
R	5557	(A,49,48)	RAB4C221J
R	5558	(A,34,47)	RS1/16S473J
R	5559	(A,26,46)	RS1/16S473J
R	5562	(A,49,45)	RS1/16S221J
R	5564	(A,49,44)	RS1/16S221J
R	5565	(A,49,42)	RS1/16S221J
R	5566	(A,49,40)	RAB4C221J
R	5569	(A,91,52)	RS1/16S221J

Mark	No.	Description	Part No.
R	5570	(A,49,36)	RAB4C221J
R	5571	(A,53,33)	RS1/16S102J
R	5574	(A,67,19)	RS1/16S104J
R	5577	(A,50,29)	RAB4C221J
R	5581	(A,53,25)	RS1/16S221J
R	5582	(A,60,23)	RS1/16S221J
R	5583	(A,61,23)	RS1/16S103J
R	5584	(A,63,23)	RS1/16S221J
R	5590	(A,71,19)	RAB4C221J
R	5597	(A,70,16)	RS1/16S153J
R	5605	(A,21,47)	RS1/16S101J
R	5712	(A,27,66)	RS1/16S272J
R	5713	(A,27,71)	RS1/16S272J
R	5931	(A,78,105)	RS1/16S182J
R	5933	(A,70,98)	RS1/16S104J
R	5934	(A,69,95)	RS1/16S102J
R	5935	(A,71,95)	RS1/16S103J
R	5936	(A,82,105)	RS1/16S182J
R	5937	(A,87,102)	RS1/16S473J
R	5938	(A,82,100)	RS1/16S272J
R	5939	(A,82,99)	RS1/16S332J
R	5940	(A,74,101)	RS1/16S101J
R	5942	(A,74,97)	RS1/16S104J

CAPACITORS

Mark	No.	Description	Part No.
C	427	(A,56,92) ELECT. CAPACITOR	CEAT102M6R3
C	771	(A,121,34)	CKSQYB105K16
C	773	(A,121,37)	CKSRYB104K16
C	781	(A,127,42)	CEAT100M50
C	782	(A,136,49)	CKSQYB225K10
C	1205	(A,24,14)	CKSRYB104K16
C	1206	(A,59,20)	CKSRYB104K16
C	1207	(A,77,13)	CKSRYB102K50
C	1208	(A,83,17)	CCSRCH471J50
C	1209	(A,113,21)	CKSRYB104K16
C	1210	(A,116,16)	CKSRYB104K16
C	1211	(A,113,14)	CKSRYB104K16
C	1301	(A,18,33)	CKSRYB105K6R3
C	1501	(A,90,44)	CKSRYB103K50
C	1502	(A,97,44)	CKSRYB104K16
C	1505	(A,87,46)	CEAT101M10
C	3101	(A,229,14)	CKSRYB224K16
C	3102	(A,228,12)	CKSRYB103K50
C	3103	(A,228,8)	CKSRYB104K16
C	3104	(A,232,8)	CKSRYB104K16
C	3105	(A,231,12)	CKSRYB103K50
C	3106	(A,234,10)	CKSRYB104K16
C	3107	(A,236,10)	CKSRYB104K16
C	3108	(A,249,9)	CEVW100M10
C	3109	(A,237,10)	CKSRYB102K50
C	3110	(A,244,14)	CKSRYB104K16
C	3111	(A,257,9)	CEVW100M10
C	3112	(A,245,15)	CKSRYB104K16
C	3113	(A,247,15)	CCSRCH180J50
C	3114	(A,248,15)	CCSRCH150J50
C	3115	(A,245,26)	CKSRYB474K10
C	3116	(A,246,26)	CKSRYB104K16
C	3117	(A,255,25)	CEVW100M10
C	3118	(A,231,28)	CKSRYB104K16
C	3119	(A,227,23)	CKSRYB104K16

Mark	No.	Description	Part No.
C	3120 (A,224,25)		CEVW100M10
C	3141 (A,285,99)		CCSRCH221J50
C	3142 (A,288,99)		CCSRCH221J50
C	3151 (A,175,46)		CKSRYB104K16
C	3192 (A,186,92)		CKSRYB104K25
C	3201 (A,276,38)		CKSQYB105K16
C	3202 (A,258,38)		CKSQYB105K16
C	3203 (A,267,33)		CKSRYB104K16
C	3204 (A,261,37)		CKSRYB104K16
C	3211 (A,279,57)		CKSQYB104K50
C	3212 (A,265,57)		CKSQYB104K50
C	3213 (A,269,57)		CKSQYB104K50
C	3214 (A,255,57)		CKSQYB104K50
C	3215 (A,275,63)		CKSRYB333K50
C	3216 (A,261,63)		CKSRYB333K50
C	3217 (A,273,63)		CKSRYB333K50
C	3218 (A,259,63)		CKSRYB333K50
C	3221 (A,278,89)	ELECT. CAPACITOR	CEAT102M25
C	3223 (A,284,84)		CKSRYB103K50
C	3224 (A,267,84)		CKSRYB103K50
C	3225 (A,273,84)		CKSRYB102K50
C	3226 (A,256,84)		CKSRYB102K50
C	3227 (A,276,47)		CKSRYB104K25
C	3228 (A,257,47)		CKSRYB104K25
C	3231 (A,276,83)		CFTLA474J50
C	3232 (A,259,83)		CFTLA474J50
C	3233 (A,238,100)		CKSRYB104K25
C	3234 (A,240,106)		CKSRYB104K25
C	3235 (A,240,100)		CKSRYB104K25
C	3236 (A,243,106)		CKSRYB104K25
C	3237 (A,255,97)		CKSRYB103K50
C	3238 (A,258,97)		CKSRYB103K50
C	3239 (A,255,94)		CKSRYB103K50
C	3240 (A,250,104)		CKSRYB103K50
C	3241 (A,277,54)		CKSRYB331K50
C	3242 (A,263,54)		CKSRYB331K50
C	3243 (A,271,54)		CKSRYB331K50
C	3244 (A,257,54)		CKSRYB331K50
C	3301 (A,246,38)		CKSQYB105K16
C	3302 (A,228,38)		CKSQYB105K16
C	3303 (A,237,33)		CKSRYB104K16
C	3304 (A,231,37)		CKSRYB104K16
C	3311 (A,249,57)		CKSQYB104K50
C	3312 (A,235,57)		CKSQYB104K50
C	3313 (A,239,57)		CKSQYB104K50
C	3314 (A,225,57)		CKSQYB104K50
C	3315 (A,245,63)		CKSRYB333K50
C	3316 (A,231,63)		CKSRYB333K50
C	3317 (A,243,63)		CKSRYB333K50
C	3318 (A,229,63)		CKSRYB333K50
C	3321 (A,262,89)	ELECT. CAPACITOR	CEAT102M25
C	3323 (A,251,84)		CKSRYB103K50
C	3324 (A,234,84)		CKSRYB103K50
C	3325 (A,240,84)		CKSRYB102K50
C	3326 (A,223,84)		CKSRYB102K50
C	3327 (A,246,47)		CKSRYB104K25
C	3328 (A,227,47)		CKSRYB104K25
C	3331 (A,243,83)		CFTLA474J50
C	3332 (A,226,83)		CFTLA474J50
C	3333 (A,222,100)		CKSRYB104K25
C	3334 (A,229,105)		CKSRYB104K25
C	3335 (A,225,100)		CKSRYB104K25
C	3336 (A,226,105)		CKSRYB104K25
C	3337 (A,217,92)		CKSRYB103K50
C	3338 (A,243,92)		CKSRYB103K50
C	3339 (A,233,92)		CKSRYB103K50
C	3340 (A,207,92)		CKSRYB103K50
C	3341 (A,247,54)		CKSRYB331K50
C	3342 (A,233,54)		CKSRYB331K50
C	3343 (A,241,54)		CKSRYB331K50
C	3344 (A,227,54)		CKSRYB331K50
C	3401 (A,216,38)		CKSQYB105K16
C	3402 (A,198,38)		CKSQYB105K16
C	3403 (A,207,33)		CKSRYB104K16
C	3404 (A,201,37)		CKSRYB104K16
C	3411 (A,219,57)		CKSQYB104K50
C	3412 (A,205,57)		CKSQYB104K50
C	3413 (A,209,57)		CKSQYB104K50
C	3414 (A,195,57)		CKSQYB104K50
C	3415 (A,215,63)		CKSRYB333K50
C	3416 (A,201,63)		CKSRYB333K50
C	3417 (A,213,63)		CKSRYB333K50
C	3418 (A,199,63)		CKSRYB333K50
C	3421 (A,196,89)	ELECT. CAPACITOR	CEAT102M25
C	3423 (A,218,84)		CKSRYB103K50
C	3424 (A,201,84)		CKSRYB103K50
C	3425 (A,207,84)		CKSRYB102K50
C	3426 (A,190,82)		CKSRYB102K50
C	3427 (A,216,47)		CKSRYB104K25
C	3428 (A,197,47)		CKSRYB104K25
C	3431 (A,210,83)		CFTLA474J50
C	3432 (A,193,83)		CFTLA474J50
C	3433 (A,208,100)		CKSRYB104K25
C	3434 (A,214,105)		CKSRYB104K25
C	3435 (A,210,100)		CKSRYB104K25
C	3436 (A,211,105)		CKSRYB104K25
C	3437 (A,195,99)		CKSRYB103K50
C	3438 (A,195,105)		CKSRYB103K50
C	3439 (A,195,102)		CKSRYB103K50
C	3440 (A,195,108)		CKSRYB103K50
C	3441 (A,217,54)		CKSRYB331K50
C	3442 (A,203,54)		CKSRYB331K50
C	3443 (A,211,54)		CKSRYB331K50
C	3444 (A,197,54)		CKSRYB331K50
C	3601 (A,305,85)		CCSRCH821J50
C	3602 (A,305,105)		CCSRCH821J50
C	3603 (A,308,85)		CCSRCH821J50
C	3604 (A,308,105)		CCSRCH821J50
C	3605 (A,303,87)		CCSRCH331J50
C	3606 (A,303,102)		CCSRCH331J50
C	3607 (A,307,85)		CCSRCH331J50
C	3608 (A,307,105)		CCSRCH331J50
C	3609 (A,299,85)		CEVW100M16
C	3610 (A,300,106)		CEVW100M16
C	3611 (A,296,90)		CCSRCH821J50
C	3612 (A,296,100)		CCSRCH821J50
C	3621 (A,312,102)		CEVW100M25
C	3622 (A,313,95)		CEVW100M16
C	3623 (A,310,97)		CKSRYB104K25

Mark	No.	Description	Part No.
C	3624 (A,310,94)		CKSRYB104K16
C	3901 (A,212,15)		CCSRCH681J50
C	3902 (A,212,19)		CCSRCH681J50
C	3903 (A,214,15)		CCSRCH681J50
C	3904 (A,214,19)		CCSRCH681J50
C	3905 (A,211,12)		CCSRCH181J50
C	3906 (A,211,22)		CCSRCH181J50
C	3907 (A,211,15)		CCSRCH561J50
C	3908 (A,211,19)		CCSRCH561J50
C	3921 (A,215,8)		CEVW100M25
C	3922 (A,223,8)		CEVW100M16
C	3923 (A,202,20)		CKSRYB104K25
C	3924 (A,202,13)		CKSRYB104K16
C	4001 (A,97,69)		CKSRYB103K50
C	4011 (A,95,65)		CEAT100M50
C	4012 (A,112,64)		CEAT100M50
C	4015 (A,87,72)		CEAT100M50
C	4016 (A,105,71)		CEAT100M50
C	4019 (A,105,64)		CEAT100M50
C	4020 (A,118,62)		CEAT100M50
C	4021 (A,97,93)		CKSRYB104K16
C	4022 (A,101,93)		CKSRYB104K16
C	4023 (A,96,89)	ELECT. CAPACITOR	CEAT470M35
C	4024 (A,125,59)		CEAT221M6R3
C	4025 (A,90,89)		CEAT100M50
C	4026 (A,102,89)		CEAT100M50
C	4041 (A,119,78)		CEAT100M50
C	4042 (A,114,78)		CKSRYB104K16
C	4043 (A,108,78)		CEAT2R2M50
C	4044 (A,112,78)		CKSRYB104K16
C	4045 (A,121,84)		CEAT100M50
C	4046 (A,124,87)		CKSRYB104K16
C	4048 (A,115,92)		CKSRYB103K50
C	4052 (A,120,67)		CKSRYB104K16
C	4056 (A,130,65)		CCSRCH270J50
C	4057 (A,130,71)		CCSRCH270J50
C	4064 (A,134,88)		CKSRYB104K16
C	4951 (A,158,21)		CEAT101M16
C	4952 (A,149,21)		CEAT101M16
C	4961 (A,55,15)		CKSRYB105K16
C	4962 (A,54,17)		CKSRYB104K16
C	4963 (A,54,12)		CKSQYB225K10
C	4965 (A,54,20)		CKSQYB225K10
C	4966 (A,54,19)		CKSRYB104K16
C	4967 (A,49,8)	ELECT. CAPACITOR	CEAT220M25
C	4968 (A,45,12)		CKSRYB103K50
C	5502 (A,94,46)		CEAT101M10
C	5504 (A,88,24)		CKSRYB103K50
C	5508 (A,88,29)		CKSRYB103K50
C	5509 (A,83,35)		CKSRYB104K16
C	5517 (A,82,42)		CKSRYB103K50
C	5518 (A,82,44)		CKSRYB104K16
C	5519 (A,103,32)		CKSRYB103K50
C	5521 (A,106,45)		CKSRYB104K16
C	5522 (A,106,41)		CKSRYB103K50
C	5524 (A,101,44)		CEAT100M50
C	5539 (A,69,57)		CKSRYB104K16
C	5555 (A,54,48)		CKSRYB104K16
C	5557 (A,33,42)		CKSRYB104K16
C	5558 (A,35,47)		CCSRCH470J50
C	5577 (A,53,30)		CKSRYB103K50
C	5578 (A,53,28)		CKSRYB103K50
C	5579 (A,66,19)		CKSRYB102K50
C	5589 (A,67,23)		CKSRYB104K16
C	5601 (A,135,11)		CKSRYB102K50
C	5602 (A,86,16)		CKSRYB102K50
C	5603 (A,135,8)		CKSRYB102K50
C	5604 (A,97,17)		CKSRYB104K16
C	5605 (A,98,17)		CKSRYB104K16
C	5606 (A,78,17)		CKSRYB102K50
C	5701 (A,30,56)		CCSRCH101J50
C	5703 (A,38,56)		CCSRCH101J50
C	5707 (A,38,64)		CKSRYB102K50
C	5708 (A,42,62)	ELECT. CAPACITOR	CEAT470M35
C	5712 (A,56,71)		CCSRCH270J50
C	5713 (A,45,71)		CKSRYB472K50
C	5714 (A,56,68)		CCSRCH270J50
C	5715 (A,55,65)		CKSRYB103K50
C	5716 (A,45,63)		CCSRCH561J50
C	5719 (A,52,77)		CEAT100M50
C	5720 (A,58,61)	ELECT. CAPACITOR	CEAT470M35
C	5931 (A,74,105)		CCSRCH221J50
C	5932 (A,74,104)		CCSRCH221J50
C	5936 (A,82,107)		CCSRCH221J50

C COMPLEX ASSY

MISCELLANEOUS

IC	5901 (B,64,40)	FL DRIVER IC	PT6315
Q	5971 (B,193,28)	DIGITAL TR(SC-70)	RT1P241M
Q	5973 (B,214,18)	TRANSISTOR	IMX9
Q	5974 (B,213,24)	TRANSISTOR	IMX9
D	601 (B,228,46)	ZENER DIODE	UMZU6.2N
L	5901 (A,34,47)	AXIAL INDUCTOR	LAU220J
L	5902 (A,89,37)	AXIAL INDUCTOR	LAU100J
L	5971 (B,214,39)	INDUCTOR	CTF1306
L	5972 (B,201,27)	INDUCTOR	CTF1306
L	5974 (B,196,27)	INDUCTOR	CTF1306
JA	602 (A,230,36)	JACK	XKB3056
JA	5901 (A,203,39)	MINITURE JACK	AKN7005
V	5901 (A,37,27)	FL TUBE	AAV7104
S	5962 (A,207,52)	SWITCH	VSG1024
S	5963 (A,194,52)	SWITCH	VSG1024
S	5964 (A,171,52)	SWITCH	VSG1024
S	5965 (A,153,52)	SWITCH	VSG1024
S	5966 (A,135,52)	SWITCH	VSG1024
S	5967 (A,117,52)	SWITCH	VSG1024
S	5991 (A,228,52)	SWITCH	VSG1024
CN	5902 (A,11,52)	CONNECTOR	9607S-27F
	5902	REMOTE RECEIVER UNIT	GP1UE274XKC1
	5971	FL SPACER	AEB7367

RESISTORS

R	5901 (B,44,45)		RS1/16S221J
R	5902 (B,39,45)		RS1/16S221J
R	5903 (B,56,50)		RS1/16S221J
R	5904 (B,48,45)		RS1/16S823J
R	5951 (B,20,48)		RS1/16S470J

Mark	No.	Description	Part No.
R	5954 (B,31,33)		RS1/16S101J
R	5962 (B,203,52)		RS1/16S102J
R	5963 (B,198,52)		RS1/16S122J
R	5964 (B,174,48)		RS1/16S152J
R	5965 (B,131,50)		RS1/16S182J
R	5966 (B,115,47)		RS1/16S102J
R	5971 (B,219,26)		RS1/10S680J
R	5972 (B,205,19)		RS1/10S680J
R	5973 (B,217,26)		RS1/10S680J
R	5974 (B,203,19)		RS1/10S680J
R	5975 (B,218,22)		RS1/16S222J
R	5976 (B,218,16)		RS1/16S222J
R	5977 (B,213,28)		RS1/16S222J
R	5978 (B,211,18)		RS1/16S222J
R	5979 (B,219,30)		RS1/10S680J
R	5980 (B,208,23)		RS1/10S680J
R	5981 (B,217,30)		RS1/10S680J
R	5982 (B,210,23)		RS1/10S680J
R	5983 (B,214,35)		RS1/16S680J
R	5984 (B,203,23)		RS1/16S680J
R	5985 (B,217,35)		RS1/16S680J
R	5986 (B,205,23)		RS1/16S680J
R	5990 (B,199,28)		RS1/16S680J

CAPACITORS

Mark	No.	Description	Part No.
C	601 (B,222,42)		CKSRYB104K50
C	602 (A,216,43)		CEAT221M6R3
C	605 (B,220,42)		CKSRYB104K50
C	5907 (A,115,21)	ELECTR. CAPACITOR	CEAL470M35
C	5911 (B,31,43)		CKSRYB223K50
C	5912 (B,46,39)		CKSRYB223K50
C	5913 (A,42,41)		CEAL470M6R3
C	5915 (B,69,49)		CKSRYB103K50
C	5916 (B,91,34)		CKSRYB223K50
C	5917 (B,79,37)		CKSRYB223K50
C	5918 (A,83,39)	ELECTR. CAPACITOR	CEAL470M35
C	5920 (B,46,45)		CCSRCH221J50
C	5921 (B,41,45)		CCSRCH221J50
C	5922 (B,58,50)		CCSRCH221J50
C	5951 (B,20,37)		CKSRYB223K50
C	5952 (A,19,41)		CEJQ470M10
C	5971 (B,213,31)		CKSRYB102K50
C	5972 (B,207,27)		CKSRYB102K50
C	5973 (B,212,35)		CKSRYB473K25
C	5974 (B,205,27)		CKSRYB473K25
C	5977 (B,199,32)		CKSRYB103K50

D EUROSCART ASSY

MISCELLANEOUS

Mark	No.	Description	Part No.
IC	471 (B,38,46)	VIDEO SW IC	MM1505XN
IC	472 (B,29,48)	VIDEO SW IC	MM1507XN
Q	461 (B,68,68)	CHIP TRANSISTOR	RT3WLMM
Q	462 (B,47,65)	CHIP TRANSISTOR	RT3WLMM
Q	463 (B,52,70)	DIGITAL TR(SC-70)	RT1P441M
Q	472 (B,25,67)	TRANSISTOR	RT1N241M
Q	492 (B,80,40)	DIGITAL TR(SC-70)	RT1P241M
Q	493 (B,74,45)	TRANSISTOR	IMX9
D	471 (B,49,41)	DIODE	MC2846-11
D	472 (B,43,41)	DIODE	MC2848-11
D	473 (B,32,41)	DIODE	MC2846-11
D	474 (B,38,41)	DIODE	MC2848-11
JA	451 (A,62,8)	CONNECTOR	XKB3054
CN	461 (A,89,31)	CONNECTOR	CKS3388

RESISTORS

Mark	No.	Description	Part No.
R	461 (B,62,69)		RS1/16S223J
R	462 (B,62,67)		RS1/16S122J
R	463 (B,73,65)		RS1/16S472J
R	464 (B,52,65)		RS1/16S472J
R	465 (B,73,67)		RS1/16S563J
R	466 (B,30,66)		RS1/16S103J
R	467 (B,41,69)		RS1/16S122J
R	468 (B,41,71)		RS1/16S122J
R	469 (B,41,67)		RS1/16S102J
R	470 (B,46,72)		RS1/16S821J
R	471 (B,46,70)		RS1/16S561J
R	472 (B,30,64)		RS1/16S223J
R	473 (B,52,73)		RS1/16S563J
R	474 (B,58,28)	CHIP RESISTOR	RS1/16S75R0F
R	475 (B,53,28)	CHIP RESISTOR	RS1/16S75R0F
R	476 (B,47,28)	CHIP RESISTOR	RS1/16S75R0F
R	477 (B,27,27)	CHIP RESISTOR	RS1/16S75R0F
R	478 (B,40,28)	CHIP RESISTOR	RS1/16S75R0F
R	481 (B,71,37)		RS1/16S102J
R	482 (B,71,35)		RS1/16S102J
R	483 (B,59,38)		RS1/16S473J
R	484 (B,63,38)		RS1/16S473J
R	485 (B,59,36)		RS1/16S471J
R	486 (B,63,36)		RS1/16S471J
R	493 (B,76,42)		RS1/16S472J
R	494 (B,76,40)		RS1/16S472J
R	495 (B,89,23)		RS1/16S331J
R	496 (B,85,23)		RS1/16S331J

CAPACITORS

Mark	No.	Description	Part No.
C	464 (B,66,65)		CKSRYB104K50
C	470 (B,41,73)		CKSRYB104K50
C	471 (A,35,57)		CEAT100M50
C	472 (B,39,52)		CKSRYB104K50
C	473 (B,24,57)		CKSRYB104K50
C	474 (B,24,61)		CKSRYB104K50
C	475 (B,43,44)		CKSRYB104K50
C	476 (B,29,45)		CKSRYB104K50
C	477 (A,52,37)	ELECT. CAPACITOR	CEAT471M6R3
C	478 (A,45,37)	ELECT. CAPACITOR	CEAT471M6R3
C	479 (A,38,37)	ELECT. CAPACITOR	CEAT471M6R3
C	480 (A,30,37)	ELECT. CAPACITOR	CEAT102M6R3
C	481 (A,65,49)		CEAT100M50
C	482 (A,65,42)		CEAT100M50
C	483 (B,59,34)		CCSRCH331J50
C	484 (B,63,34)		CCSRCH331J50
C	485 (B,89,21)		CCSRCH101J50
C	486 (B,85,21)		CCSRCH101J50
C	487 (B,58,26)		CCSRCH470J50
C	488 (B,23,25)		CKSRYB104K50
C	489 (B,53,26)		CCSRCH470J50
C	490 (B,47,26)		CCSRCH470J50
C	491 (B,27,25)		CCSRCH470J50
C	492 (B,40,26)		CCSRCH470J50

E DSP ASSY (XV-DV575, XV-DV580)

MISCELLANEOUS

Mark	No.	Description	Part No.
	IC 601	(A,87,53) DIR IC	AK4117VF
	IC 650	(A,66,36) IC	TC7SH08FUS1
	IC 801	(A,31,48) DSP IC	DSPC56371AF180
	IC 802	(A,21,34) IC	TC7WU04FU
	IC 851	(B,44,46) FLASH ROM IC	PDC156A8
⚠	IC 901	(A,95,42) LDO REGULATOR	BD00KA5WFP
	IC 951	(B,96,55) IC	TC74VHC08FTS1
	Q 801	(B,28,40) TRANSISTOR	RT1N241M
	L 602	(B,87,49) CHIP SOLID INDUCTOR	QTL1013
	L 603	(A,84,58) CHIP SOLID INDUCTOR	QTL1013
	L 650	(A,68,39) CHIP SOLID INDUCTOR	QTL1013
	L 801	(B,23,41) CHIP SOLID INDUCTOR	QTL1013
	L 802	(B,23,37) CHIP SOLID INDUCTOR	QTL1013
	L 803	(A,39,37) CHIP SOLID INDUCTOR	ATL7002
	L 804	(B,18,50) CHIP SOLID INDUCTOR	ATL7002
	L 901	(B,91,36) CHIP SOLID INDUCTOR	ATL7002
	L 952	(B,93,46) CHIP SOLID INDUCTOR	QTL1013
	KN 901	SCREW PLATE	VNE1948
	X 801	(A,16,40) CRYSTAL RESONATOR (24.576MHZ)	XSS3003
	CN 701	(A,66,31) 19P SOCKET	XKP3054
	CN 901	(A,99,31) 9P SOCKET	XKP3088
	CN 951	(A,26,31) 13P SOCKET	XKP3053

RESISTORS

Mark	No.	Description	Part No.
	R 601	(B,81,53)	RS1/16S471J
	R 603	(B,79,54)	RS1/16S471J
	R 604	(A,92,48)	RS1/16S151J
	R 605	(B,76,45)	RS1/16S101J
	R 606	(B,80,45)	RS1/16S101J
	R 607	(B,78,45)	RS1/16S470J
	R 608	(B,89,52)	RS1/16S470J
	R 610	(A,79,51)	RS1/16S470J
	R 612	(B,91,52)	RS1/16S101J
	R 616	(A,95,51)	RS1/16S103J
	R 617	(A,80,58)	RS1/16S123J
	R 755	(A,61,36) RESISTOR ARRAY	RAB4C104J
	R 801	(A,42,59)	RS1/16S470J
	R 802	(A,34,59)	RAB4C101J
	R 803	(B,38,57)	RS1/16S103J
	R 804	(B,36,57)	RS1/16S103J
	R 805	(B,34,57)	RS1/16S103J
	R 806	(B,32,57)	RS1/16S103J
	R 807	(B,30,57)	RS1/16S473J
	R 810	(A,18,50)	RS1/16S473J
	R 811	(B,17,45)	RS1/16S101J
	R 812	(B,21,45)	RS1/16S101J
	R 813	(B,19,45)	RS1/16S472J
	R 814	(B,23,45)	RS1/16S101J
	R 815	(B,27,45)	RS1/16S101J
	R 816	(B,26,35)	RS1/16S101J
	R 817	(B,25,39)	RS1/16S103J
	R 818	(A,28,34)	RS1/16S470J
	R 821	(A,15,37)	RS1/16S471J
	R 822	(A,17,37)	RS1/16S105J
	R 823	(A,25,35)	RS1/16S101J
	R 825	(A,31,35)	RS1/16S101J
	R 827	(B,32,39)	RS1/16S0R0J
	R 828	(B,30,39)	RS1/16S103J
	R 829	(A,35,37)	RS1/16S473J
	R 832	(A,41,42)	RS1/16S470J
	R 833	(A,45,45)	RS1/16S470J
	R 834	(A,44,48)	RS1/16S470J
	R 836	(A,41,50)	RS1/16S470J
	R 837	(A,43,57)	RAB4C470J
	R 851	(A,41,40)	RS1/16S470J
	R 852	(A,40,37)	RS1/16S222J
	R 855	(A,48,45)	RS1/16S103J
	R 856	(B,40,46)	RS1/16S103J
	R 857	(A,48,47)	RS1/16S103J
	R 858	(A,49,50)	RS1/16S0R0J
	R 901	(B,100,45)	RS1/16S333J
	R 902	(B,104,49)	RS1/16S2202F
	R 903	(B,98,36)	RS1/16S104J
	R 953	(B,37,32)	RS1/16S104J
	R 954	(B,35,32)	RS1/16S104J
	R 955	(B,28,35)	RS1/16S104J
	R 956	(B,33,32)	RS1/16S104J
	R 957	(B,21,41)	RS1/16S104J
	R 958	(A,13,34)	RS1/16S104J
	R 959	(B,12,46)	RS1/16S104J
	R 960	(A,11,34)	RS1/16S104J
	R 963	(A,94,59)	RS1/16S101J
	R 964	(A,97,55)	RS1/16S101J
	R 965	(A,100,57)	RAB4C101J

CAPACITORS

Mark	No.	Description	Part No.
	C 603	(A,80,57)	CKSRYB103K50
	C 606	(A,81,53)	CKSRYB104K16
	C 611	(A,90,59)	CKSRYB104K16
	C 614	(A,94,55)	CKSRYB102K50
	C 617	(A,87,58)	CKSRYB104K16
	C 650	(A,68,35)	CKSRYB104K16
	C 801	(A,37,57)	CCSRCH471J50
	C 802	(A,37,59)	CKSRYB104K16
	C 803	(A,31,57)	CKSRYB105K6R3
	C 805	(A,25,57)	CCSRCH471J50
	C 806	(A,25,58)	CKSRYB104K16
	C 807	(A,21,53)	CCSRCH471J50
	C 808	(A,19,53)	CKSRYB104K16
	C 809	(A,21,50)	CKSRYB105K6R3
	C 811	(B,15,46)	CCSRCH221J50
	C 813	(B,29,45)	CCSRCH221J50
	C 814	(A,20,44)	CCSRCH471J50
	C 815	(A,20,45)	CKSRYB104K16
	C 816	(A,17,35)	CCSRCH471J50
	C 817	(A,16,35)	CKSRYB104K16
	C 819	(A,12,37)	CCSRCH5R0C50
	C 820	(A,20,37)	CCSRCH5R0C50
	C 821	(A,24,38)	CCSRCH471J50
	C 822	(A,24,37)	CKSRYB104K16
	C 823	(A,27,38)	CKSRYB105K6R3
	C 825	(A,29,37)	CKSRYB103K50
	C 826	(A,32,38)	CKSRYB105K6R3
	C 828	(A,40,44)	CCSRCH471J50
	C 829	(A,41,44)	CKSRYB104K16
	C 830	(A,41,47)	CKSRYB105K6R3

Mark	No.	Description	Part No.
	C 832	(A,41,52)	CCSRCH471J50
	C 833	(A,42,52)	CKSRYB104K16
	C 851	(B,50,48)	CKSRYB104K16
	C 901	(A,100,37)	CKSRYB105K6R3
	C 906	(A,104,46)	CKSRYB105K6R3
	C 951	(B,92,56)	CKSRYB104K16

F POWER SUPPLY UNIT

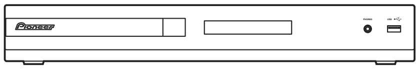
POWER SUPPLY UNIT has no service part.

G FM/AM TUNER UNIT

FM/AM TUNER UNIT has no service part.

Pioneer sound.vision.soul

Service Manual


XV-DV575

ORDER NO.
RRV3748

DVD/CD RECEIVER

XV-DV575
XV-DV580
XV-DV385K
XV-DV395K

THIS MANUAL IS APPLICABLE TO THE FOLLOWING MODEL(S) AND TYPE(S).

Model	Type	Power Requirement	Regional restriction codes (Region No.)	Remarks
XV-DV575	WYXJ5	AC 220 V to 240 V	2	
XV-DV580	WYXJ5	AC 220 V to 240 V	2	
XV-DV580	WVXJ5	AC 220 V to 240 V	2	
XV-DV385K	WSXJ5	AC 220 V to 240 V	5	
XV-DV395K	WSXJ5	AC 220 V to 240 V	5	

For details, refer to "Important Check Points for good servicing".

PIONEER CORPORATION 4-1, Meguro 1-chome, Meguro-ku, Tokyo 153-8654, Japan
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ⒸPIONEER CORPORATION 2008

T-IZK APR. 2008 Printed in Japan

SAFETY INFORMATION

This service manual is intended for qualified service technicians ; it is not meant for the casual do-it-yourselfer. Qualified technicians have the necessary test equipment and tools, and have been trained to properly and safely repair complex products such as those covered by this manual.
Improperly performed repairs can adversely affect the safety and reliability of the product and may void the warranty. If you are not qualified to perform the repair of this product properly and safely, you should not risk trying to do so and refer the repair to a qualified service technician.

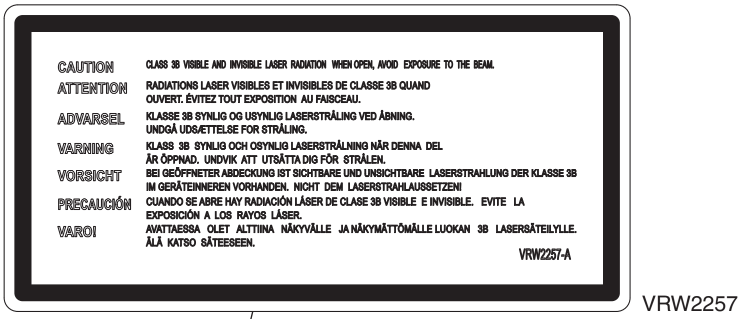
WARNING !

THE AEL (ACCESSIBLE EMISSION LEVEL) OF THE LASER POWER OUTPUT IS LESS THAN CLASS 1 BUT THE LASER COMPONENT IS CAPABLE OF EMITTING RADIATION EXCEEDING THE LIMIT FOR CLASS 1.
A SPECIALLY INSTRUCTED PERSON SHOULD DO SERVICING OPERATION OF THE APPARATUS.

LASER DIODE CHARACTERISTICS

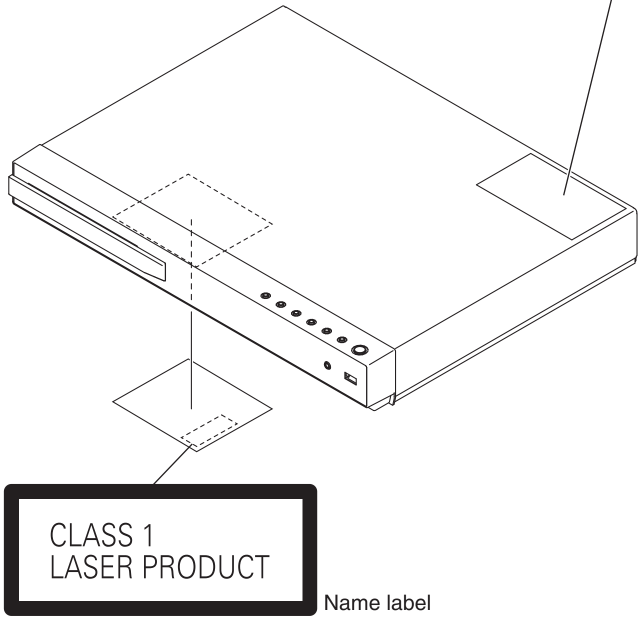
FOR DVD :	MAXIMUM OUTPUT POWER : 5 mW WAVELENGTH : 650 nm
FOR CD :	MAXIMUM OUTPUT POWER : 5 mW WAVELENGTH : 780 nm

LABEL CHECK



CAUTION	CLASS 3B VISIBLE AND INVISIBLE LASER RADIATION WHEN OPEN, AVOID EXPOSURE TO THE BEAM.
ATTENTION	RADIATIONS LASER VISIBLES ET INVISIBLES DE CLASSE 3B QUAND OUVERT. ÉVITEZ TOUT EXPOSITION AU FAISCEAU.
ADVARSEL	KLASSE 3B SYNLIG OG USYNLIG LASERSTRÅLING VED ÅBNING. UNDGÅ UDSÆTTELSE FOR STRÅLING.
VARNING	KLASS 3B SYNLIG OCH OSYNLIG LASERSTRÅLNING NÄR DENNA DEL ÄR ÖPPNAD. UNDVIK ATT UTSÄTTA DIG FÖR STRÅLEN.
VORSICHT	BEI GEÖFFNETER ABDECKUNG IST SICHTBARE UND UNSICHTBARE LASERSTRAHLUNG DER KLASSE 3B IM GERÄTEINNEREN VORHANDEN. NICHT DEM LASERSTRAHLAUSSETZEN!
PRECAUCIÓN	CUANDO SE ABRE HAY RADIACIÓN LÁSER DE CLASE 3B VISIBLE E INVISIBLE. EVITE LA EXPOSICIÓN A LOS RAYOS LÁSER.
VARO!	AVATTAESSA OLET ALTTIINA NÄKYVÄLLE JA NÄKYMÄTTÖMÄLLE LUOKAN 3B LASERSÄTEILYLLE. ÄLÄ KATSO SÄTEESEEN.

VRW2257-A



CLASS 1
LASER PRODUCT

Additional Laser Caution

1.
   - Laser diode is driving with Q307 (650 nm LD) and Q308 (780 nm LD) on the 08 DVDM Assy.
     Therefore, when short-circuit between the emitter and collector of these transistors or the base voltage is supplied for transistors turn on, the laser oscillates. (failure mode)
   - In the test mode ∗ , there is the mode that the laser oscillates except for the disc judgment and playback. LD ON mode in the test mode oscillates with the laser forcibly.

2. When the cover is open, close viewing through the objective lens with the naked eye will cause exposure to the laser beam.

∗ : See page 24.

[Important Check Points for Good Servicing]

In this manual, procedures that must be performed during repairs are marked with the below symbol.
Please be sure to confirm and follow these procedures.

1. Product safety

Please conform to product regulations (such as safety and radiation regulations), and maintain a safe servicing environment by following the safety instructions described in this manual.

① Use specified parts for repair.

Use genuine parts. Be sure to use important parts for safety.

② Do not perform modifications without proper instructions.

Please follow the specified safety methods when modification(addition/change of parts) is required due to interferences such as radio/TV interference and foreign noise.

③ Make sure the soldering of repaired locations is properly performed.

When you solder while repairing, please be sure that there are no cold solder and other debris.
Soldering should be finished with the proper quantity. (Refer to the example)

④ Make sure the screws are tightly fastened.

Please be sure that all screws are fastened, and that there are no loose screws.

⑤ Make sure each connectors are correctly inserted.

Please be sure that all connectors are inserted, and that there are no imperfect insertion.

⑥ Make sure the wiring cables are set to their original state.

Please replace the wiring and cables to the original state after repairs.
In addition, be sure that there are no pinched wires, etc.

⑦ Make sure screws and soldering scraps do not remain inside the product.

Please check that neither solder debris nor screws remain inside the product.

⑧ There should be no semi-broken wires, scratches, melting, etc. on the coating of the power cord.

Damaged power cords may lead to fire accidents, so please be sure that there are no damages.
If you find a damaged power cord, please exchange it with a suitable one.

⑨ There should be no spark traces or similar marks on the power plug.

When spark traces or similar marks are found on the power supply plug, please check the connection and advise on secure connections and suitable usage. Please exchange the power cord if necessary.

⑩ Safe environment should be secured during servicing.

When you perform repairs, please pay attention to static electricity, furniture, household articles, etc. in order to prevent injuries.
Please pay attention to your surroundings and repair safely.

2. Adjustments

To keep the original performance of the products, optimum adjustments and confirmation of characteristics within specification.
Adjustments should be performed in accordance with the procedures/instructions described in this manual.

3. Lubricants, Glues, and Replacement parts

Use grease and adhesives that are equal to the specified substance.
Make sure the proper amount is applied.

4. Cleaning

For parts that require cleaning, such as optical pickups, tape deck heads, lenses and mirrors used in projection monitors, proper cleaning should be performed to restore their performances.

5. Shipping mode and Shipping screws

To protect products from damages or failures during transit, the shipping mode should be set or the shipping screws should be installed before shipment. Please be sure to follow this method especially if it is specified in this manual.

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1. SERVICE PRECAUTIONS

1.1 NOTES ON SOLDERING

- For environmental protection, lead-free solder is used on the printed circuit boards mounted in this unit.
  Be sure to use lead-free solder and a soldering iron that can meet specifications for use with lead-free solders for repairs accompanied by reworking of soldering.

- Compared with conventional eutectic solders, lead-free solders have higher melting points, by approximately 40 °C.
  Therefore, for lead-free soldering, the tip temperature of a soldering iron must be set to around 373 °C in general, although the temperature depends on the heat capacity of the PC board on which reworking is required and the weight of the tip of the soldering iron.

Do NOT use a soldering iron whose tip temperature cannot be controlled.

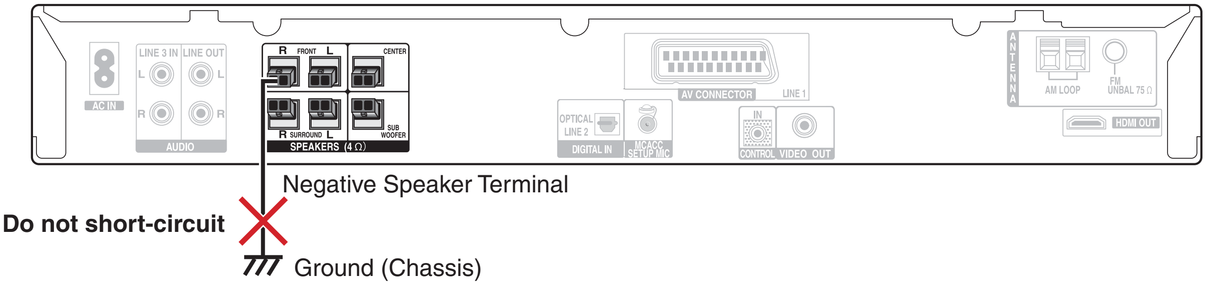
Compared with eutectic solders, lead-free solders have higher bond strengths but slower wetting times and higher melting temperatures (hard to melt/easy to harden).

The following lead-free solders are available as service parts:
- Parts numbers of lead-free solder:
  GYP1006 1.0 in dia.
  GYP1007 0.6 in dia.
  GYP1008 0.3 in dia.

1.2 CAUTION

NOTES ON BTL DRIVE

As a signal to drive the BTL is output from the negative speaker terminal, DO NOT short-circuit between the negative speaker terminal and ground, such as the chassis.
Do not short-circuit between the plus speaker terminal and ground, such as the chassis, too.


AC IN
LINE 3 IN
LINE OUT
L
R
AUDIO
R FRONT L
CENTER
R SURROUND L
SUB WOOFER
SPEAKERS (4 Ω)
OPTICAL LINE 2
DIGITAL IN
MCACC SETUP MIC
AV CONNECTOR
LINE 1
IN
CONTROL
VIDEO OUT
ANTENNA
AM LOOP
FM UNBAL 75 Ω
HDMI OUT
Negative Speaker Terminal
Do not short-circuit
Ground (Chassis)

1.3 WHEN REPLACING DVD MECHA ASSY

[Removing the DVD MECHA Assy]

Before removing Pickup PCB and DVD PCB connector, short circuit the position shown in **Fig. 1** usinga soldering iron.
If you remove the DVD MECHA Assy with no soldering, the Laser may be damaged.

[Installing the DVD MECHA Assy]

Remove all the soldering on the short circuit position after the connection of Pickup PCB and DVD PCB connector.

NOTE

- Be sure to use lead-free solder and a soldering iron.
- When Soldering/Removing of solder, use the draw in equipment over the Pickup Unit to prevent the Flux smoke from it.

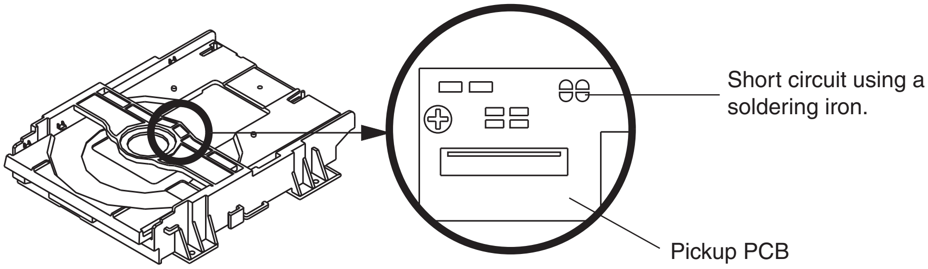

Short circuit using a soldering iron.
Pickup PCB

Fig. 1

1.4 DISC REMOVAL METHOD AT NO POWER SUPPLY

1. Slide the Rack Loading (White) toward the arrow direction by using a minus driver to release the lock. **(Refer to Fig. 1)**
2. Manually open the Tray.

NOTE:

Please strongly pushing Rack Loading (White) to release the lock because the tray doesn't go out easily.

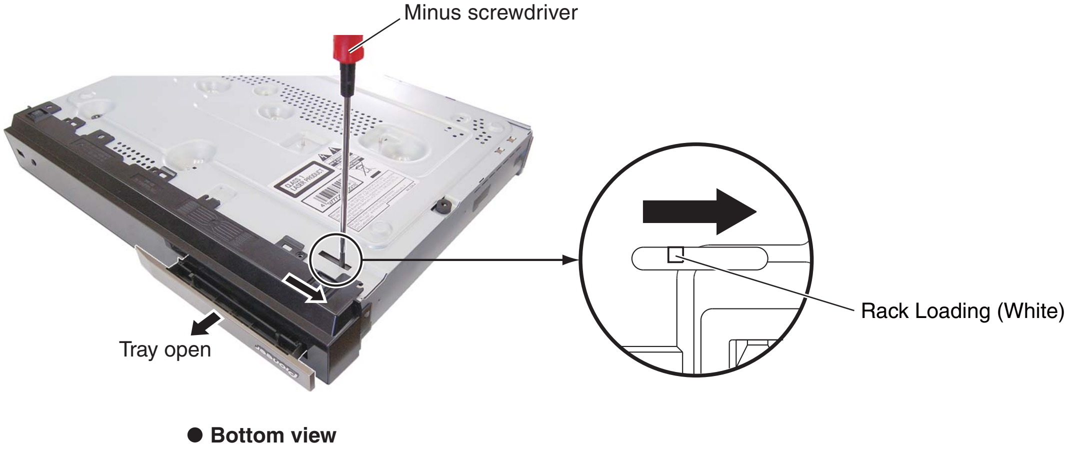

Minus screwdriver
Rack Loading (White)
Tray open
● Bottom view

Fig. 1

2. SPECIFICATIONS

2.1 SPECIFICATIONS, DISC/CONTENT FORMAT AND ACCESORRIES

• Amplifier section

RMS Power Output:
Front, Center, Surround . . . . 60 W per channel
(1 kHz, 10 % T.H.D., 4 Ω)
Subwoofer . . . . .60 W (100 Hz, 10 % T.H.D., 4 Ω)

• Disc section

Type . . . . DVD system, Video CD/Super VCD system and Compact Disc digital audio system
Wow and Flutter . . . . .Limit of measurement
(±0.001 % W.PEAK) or less (JEITA)

• FM tuner section

Frequency range. . . . . 87.5 MHz to 108 MHz
Antenna. . . . . 75 Ω, unbalanced

• AM tuner section

Frequency range. . . . . 531 kHz to 1602 kHz
Antenna. . . . . .Loop antenna

• Miscellaneous

Power requirements. . . AC 220 V to 240 V, 50 Hz/60 Hz
Power consumption. . . . . 50 W
Power consumption in standby. . . . . .0.42 W
Dimensions (XV-DV575, XV-DV580)
. . . . 420 mm (W) x 60 mm (H) x 335 mm (D)
Dimensions (XV-DV385K, XV-DV395K)
. . . . 420 mm (W) x 60 mm (H) x 339 mm (D)
Weight (XV-DV575, XV-DV580). . . . . 2.8 kg
Weight (XV-DV385K, XV-DV395K) . . . . . . 2.7 kg

• Accessories (DVD/CD receiver)

Remote control. 1
AA/R6 dry cell batteries 2
(to confirm system operation)
Video cable (yellow plugs) 1
AM loop antenna 1
FM antenna 1
Microphone (for Auto MCACC setup). 1
Power cord. 1
Setup Guide
Operating instructions

Disc/content format playback compatibility

This player is compatible with a wide range of disc types (media) and formats. Playable discs will generally feature one of the following logos on the disc and/or disc packaging. Note however that some disc types, such as recordable CD and DVD, may be in an unplayable format.

See the Disc compatibility table below for more information.

DVD-Video DVD-R DVD-RW

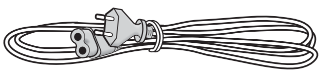
Audio CD Video CD CD-R CD-RW

Fujicolor CD

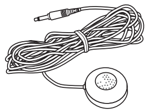
- This unit will play DVD+R/+RW discs.
- is a trademark of FUJIFILM Corporation.
- is a trademark of DVD Format/Logo Licensing Corporation.
- Also compatible with KODAK Picture CD.

This player supports the IEC's Super VCD standard for superior picture quality, dual soundtracks, and widescreen support.

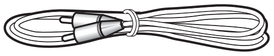
Super Video CD (Super VCD)



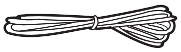
Power cord
(WYXJ5, WSXJ5 : ADG1127)
(WVXJ5 : ADG7108)



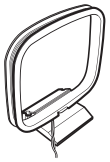
Microphone
(for Auto MCACC setup)
(XV-DV575, XV-DV580
: APM7008)



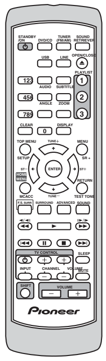
Video cable (yellow plugs)
(L = 1.5 m) (XDE3046)



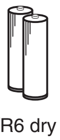
FM antenna
(ADH7030)



AM loop antenna
(ATB7013)



Remote control
(XV-DV575, XV-DV580 : XXD3159)
(XV-DV385K, XV-DV395K : XXD3156)



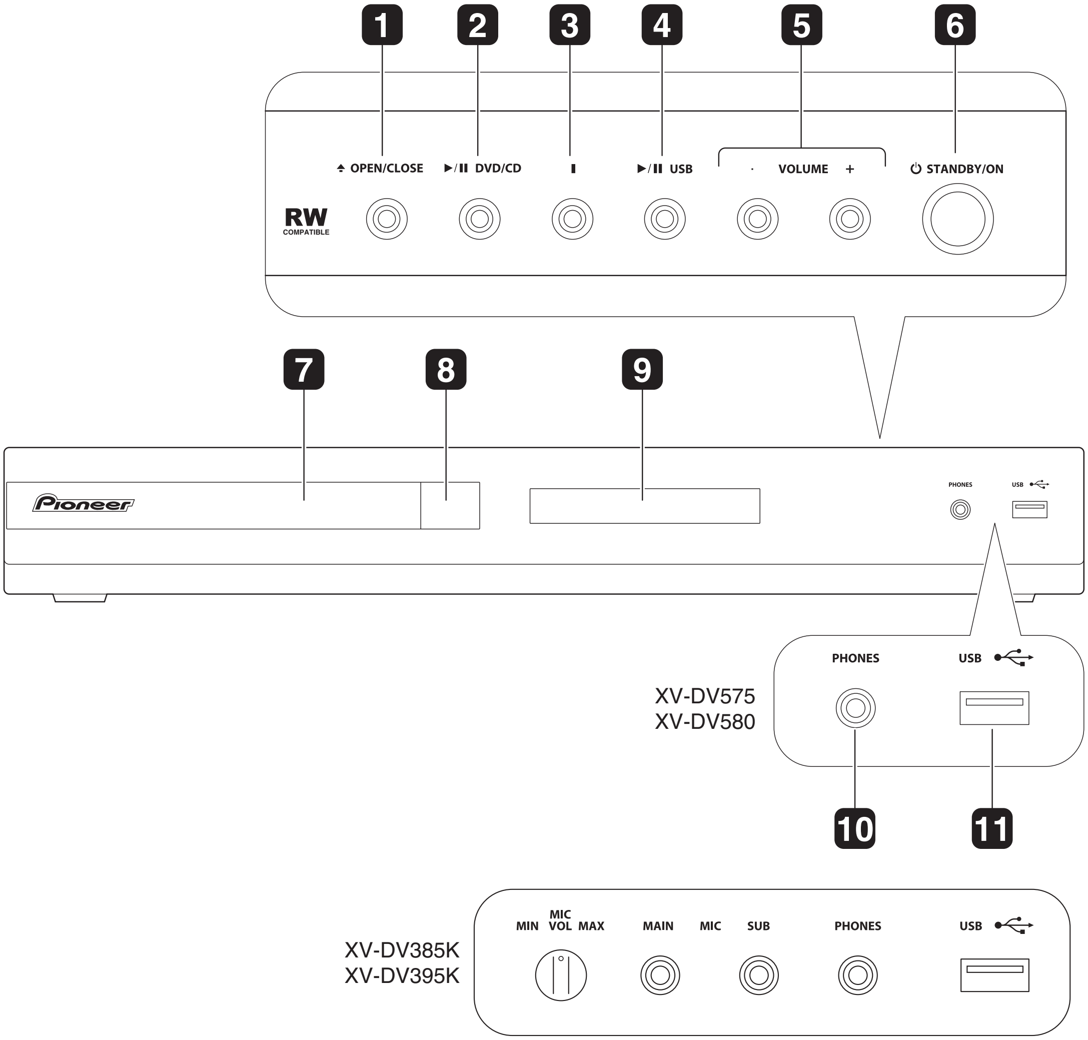
AA/R6 dry cell
batteries
(to confirm
system operation)

Manufactured under license from Dolby Laboratories.“Dolby”,“Pro Logic” and the double-D symbol are trademarks of Dolby Laboratories.

Manufactured under license under U.S. Patent #'s: 5,451,942; 5,956,674; 5,974,380; 5,978,762; 6,487,535 & other U.S. and worldwide patents issued & pending. DTS and DTS Digital Surround are registered trademarks and the DTS logos and Symbol are trademarks of DTS, Inc. c 1996-2007 DTS, Inc. All Rights Reserved.

2.2 PANEL FACILITIES

Front panel


1
2
3
4
5
6
OPEN/CLOSE
►/II DVD/CD
►/II USB
- VOLUME +
STANDBY/ON
RW COMPATIBLE
7
8
9
Pioneer
PHONES
USB
XV-DV575
XV-DV580
PHONES
USB
10
11
XV-DV385K
XV-DV395K
MIC
MIN VOL MAX
MAIN
MIC
SUB
PHONES
USB

1 ⏏ OPEN/CLOSE
Opens/closes the disc tray.

2 ►/II DVD/CD
Selects the **DVD/CD** function and starts/pauses/resumes playback.

3 ■
Stops playback.

4 ►/II USB
Selects the **USB** function and starts/pauses playback.

5 VOLUME +/– buttons

6 ⏻ STANDBY/ON
Switches the system on or into standby.

7 Disc tray

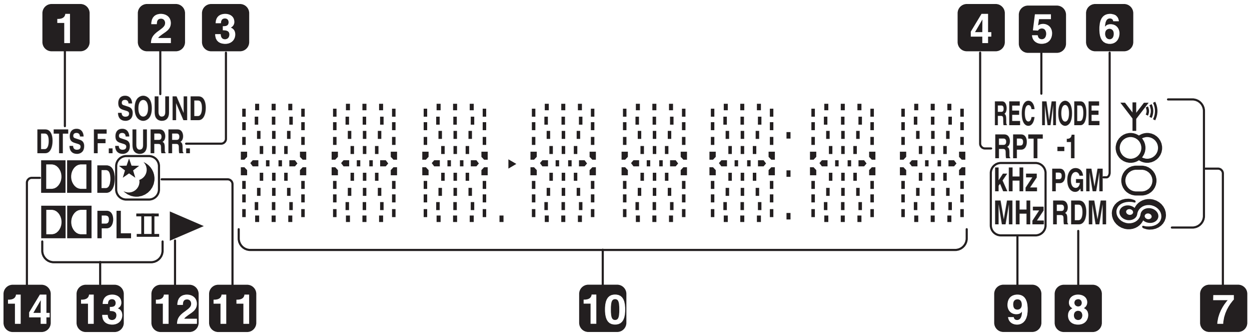
8 Remote Sensor

9 Display
See Display below.

10 PHONES jack
Connect headphones.

11 USB interface
Connect a USB device for playback (see USB playback).

Display



1 **DTS**
Lights during playback of a DTS source.

2 **SOUND**
Lights when the Sound Retriever is active.

3 **SURR.**
Lights when one of the Advanced surround listening modes is selected.

F.SURR.
Lights when one of the Front Stage Surround Advance mode is selected.

4 **RPT and RPT-1**
RPTlights during repeat play. **RPT-1**lights during repeat one-track play.

5 **REC MODE**
Lights when Recording mode is on.

6 **PGM**
Lights during program play.

7 **Tuner indicators**

Ψ – Lights when a broadcast is being received.

ↀ – Lights when a stereo FM broadcast is being received in auto stereo mode.

○ – Lights when FM mono reception is selected.

∞ – Lights when in one of the RDS display or search modes.

8 **RDM**
Lights during random play.

9 **kHz/MHz**
Indicates the frequency unit shown in the character display (**kHz** for AM, **MHz** for FM).

10 **Character display**

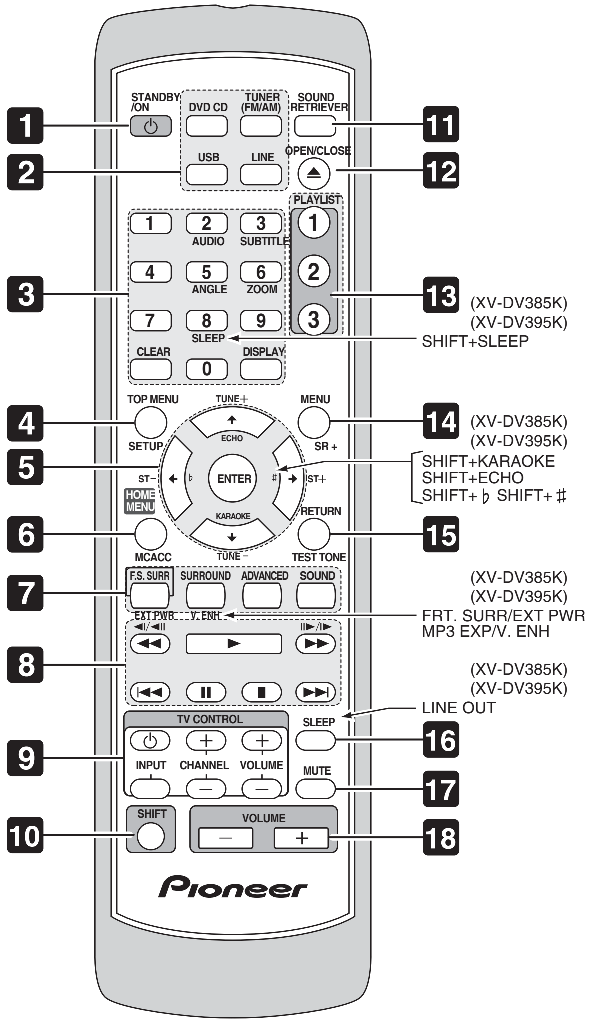
11 ☾
Lights when sleep timer is active.

12 ▶
Lights during playback.

13 **DD PL II**
Lights during Dolby Pro Logic II decoding.

14 **DD D**
Lights during playback of a Dolby Digital source.

Remote control


1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
STANDBY /ON
DVD CD
TUNER (FM/AM)
SOUND RETRIEVER
USB
LINE
OPEN/CLOSE
PLAYLIST
1
2
3
AUDIO
SUBTITLE
4
5
6
ANGLE
ZOOM
7
8
9
SLEEP
CLEAR
0
DISPLAY
(XV-DV385K)
(XV-DV395K)
SHIFT+SLEEP
TOP MENU
TUNE+
MENU
SETUP
ECHO
SR +
ST–
ENTER
ST+
HOME MENU
KARAOKE
RETURN
MCACC
TUNE–
TEST TONE
(XV-DV385K)
(XV-DV395K)
SHIFT+KARAOKE
SHIFT+ECHO
SHIFT+♭ SHIFT+♯
F.S. SURR
SURROUND
ADVANCED
SOUND
EXT PWR
V. ENH
(XV-DV385K)
(XV-DV395K)
FRT. SURR/EXT PWR
MP3 EXP/V. ENH
(XV-DV385K)
(XV-DV395K)
LINE OUT
TV CONTROL
SLEEP
INPUT
CHANNEL
VOLUME
MUTE
SHIFT
VOLUME
Pioneer

1 ⏻ STANDBY/ON
Switches the system on or into standby.

2 Function select buttons
Selects the source you want to listen to (**DVD/ CD**,**TUNER**,**USB**,**LINE**).

3 Number buttons, CLEAR, DISPLAY and DVD controls

CLEAR
Clears an entry.

DISPLAY
Displays/changes disc information shown on-screen or to display RDS information.

SHIFT+AUDIO
Selects audio channel/language.

SHIFT+SUBTITLE
Displays/changes the subtitles.

SHIFT+ANGLE
Changes camera angle during DVD multi-angle scene playback.

SHIFT+ZOOM
Changes the screen zoom level.

4 TOP MENU–Displays the top menu of a DVD disc in the play position — this may be the same as pressing **MENU**.

SHIFT+SETUP – Use to make various system and surround sound settings.

5 Cursor, ENTER and tuning buttons
⬆/⬇/⬅/➡ – Use the cursor buttons to navigate on-screen displays and menus.

ENTER– Selects an option or executes a command.

TUNE +/– – Tunes the radio.

ST +/– – Selects station presets when listening to the radio.

6 HOME MENU – Displays (or exits) the on-screen menu for Initial Settings, Play Mode functions, etc.

SHIFT+MCACC – Starts the Auto MCACC setup. (XV-DV575, XV-DV580)

7 Sound controls
F.S.SURR – Selects Front Stage Surround Advance mode.

SURROUND – Selects a Surround mode or switches to stereo playback.

ADVANCED – Selects a Pioneer original surround mode.

SOUND – Accesses the sound menu to adjust the tone, bass and treble, etc. .

8 Playback controls
See Basic playback controls, Disc playback features and USB playback for an explanation of these controls.

9 TV CONTROL buttons
These control Pioneer flat screen TVs.

10 SHIFT
Press to access the controls highlighted in green.

11 SOUND RETRIEVER –Press to restore CD quality sound to compressed audio sources.

12 ⏏ OPEN/CLOSE
Opens/closes the disc tray.

13 PLAYLIST buttons
Add tracks (during playback), or select a playlist (while stopped).

14 MENU – Press to display a USB menu, or the Navigator.

SHIFT+SR+– Sets the interlocking with the connected flat screen TV.

15 RETURN – Returns to a previous menu screen.

SHIFT+TEST TONE– Outputs the test tone (for speaker setup).

16 SLEEP
Press to set the sleep timer.

17 MUTE
Mutes the sound (press again to cancel).

18 VOLUME +/–
Adjusts the volume.

3. BASIC ITEMS FOR SERVICE

3.1 CHECK POINTS AFTER SERVICING

Check points after servicing (HTZ and system audio)

To keep the product quality after servicing, confirm recommended check points shown below.

No.	Procedures	Check points
1	Confirm the firmware version on Service Mode.	The version of the firmware must be latest. Update firmware to the latest one, if it is not the latest.
2	Confirm whether the customer complain has been solved. If the customer complain occurs with the specific disc, use it for the operation check.	The customer complain must not be reappeared. Video, audio and operations must be normal.
3	Confirm playback error rates at the innermost and outermost tracks by using the following disc. DVD test disc (GGV1025)	The error rates must be less than 5.0e-4.
4	Play back a CD. (track search)	Audio and operations must be normal.
5	Play back a DVD. (Menu operation, Title/chapter search)	Video, audio and operations must be normal.
6	Check the tuner (AM and FM) operations.	Audio and operations must be normal.
7	Check the sound from headphone output.	Sound must be normal, without noise.
8	Check the appearance of the product.	No scratches or dirt on its appearance after receiving it for service.

See the table below for the items to be checked regarding video and audio:

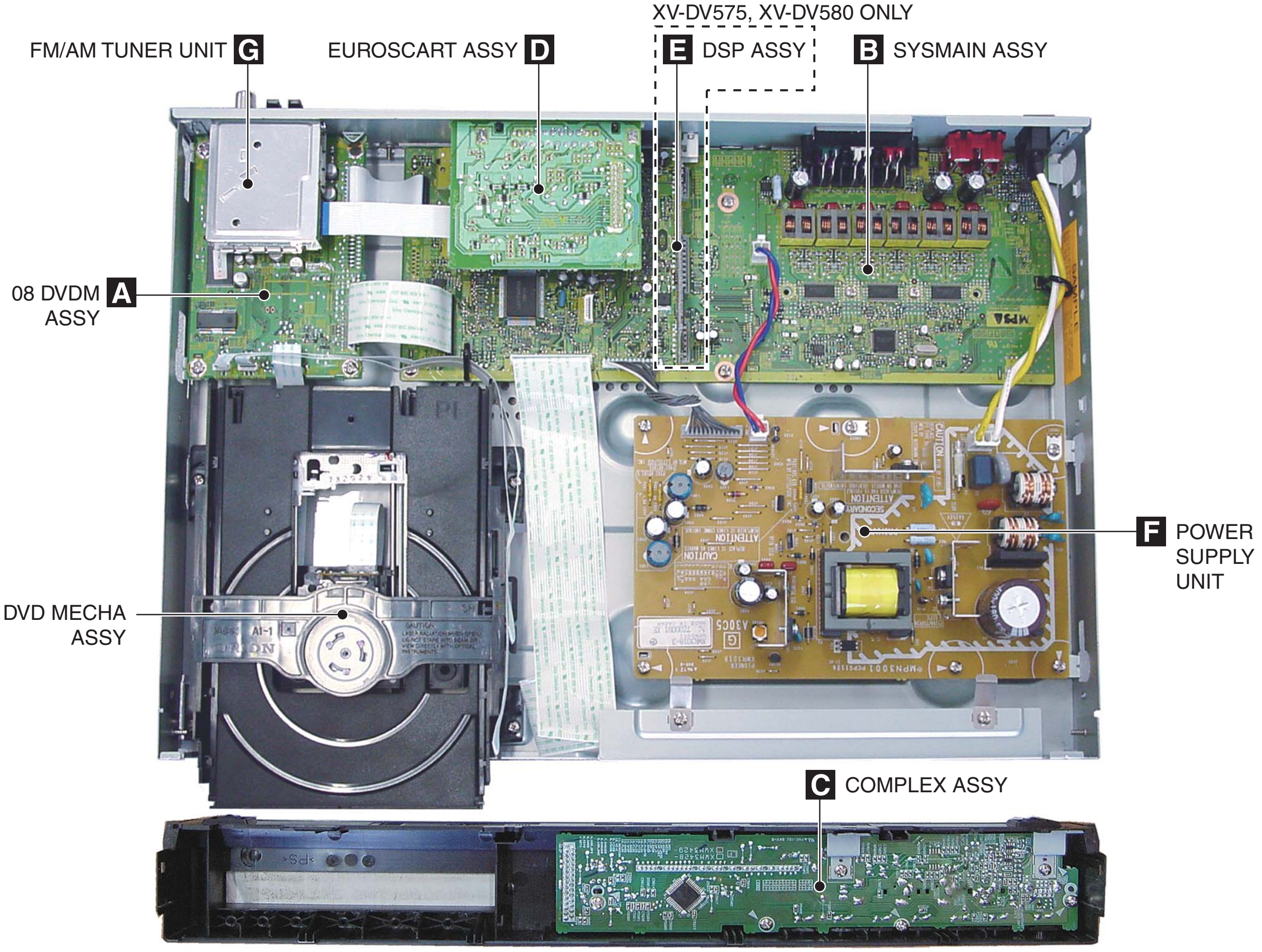
Item to be checked regarding video	Item to be checked regarding audio
Block noise	Distortion
Horizontal noise	Noise
Dot noise	Volume too low
Disturbed image (video jumpiness)	Volume too high
Too dark	Volume fluctuating
Too bright	Sound interrupted
Mottled color	

Cleaning

Before shipping out the product, be sure to clean the following positions by using the prescribed cleaning tools:

Position to be cleaned	Cleaning tools
Pickup lens	Cleaning liquid : GEM1004 Cleaning paper : GED-008

3.2 PCB LOCATIONS


XV-DV575, XV-DV580 ONLY
FM/AM TUNER UNIT G
EUROSCART ASSY D
E DSP ASSY
B SYSMAIN ASSY
08 DVDM A ASSY
F POWER SUPPLY UNIT
DVD MECHA ASSY
C COMPLEX ASSY

NOTES: ● *Parts marked by "NSP" are generally unavailable because they are not in our Master Spare Parts List.*
● *The ⚠ mark found on some component parts indicates the importance of the safety factor of the part. Therefore, when replacing, be sure to use parts of identical designation.*

LIST OF ASSEMBLIES

Mark	No. Description	Part No.
	1..08 DVDM ASSY (XV-DV575, XV-DV580)	AWM8118
	1..08 DVDM ASSY (XV-DV385K, XV-DV395K)	AWM8105
	1..DSP ASSY (XV-DV575, XV-DV580 ONLY)	AWX8706
	1..SYSMAIN ASSY (XV-DV575)	XWM3392
	1..SYSMAIN ASSY (XV-DV580)	XWM3395
	1..SYSMAIN ASSY (XV-DV385K)	XWM3391
	1..SYSMAIN ASSY (XV-DV395K)	XWM3394
	1..COMPLEX ASSY (XV-DV575, XV-DV580)	XWM3429
	1..COMPLEX ASSY (XV-DV385K, XV-DV395K)	XWM3428
NSP	1..NHTS JACK ASSY	AWM8034
	2..EUROSCART ASSY	AWU8291
⚠	1..POWER SUPPLY UNIT	XWR3018
	1..FM/AM TUNER UNIT	AXX7248
	1..DVD MECHA ASSY (for service)	A2ZX01A650

3.3 JIGS LIST

■ Jigs list

Name	Jig No.	Remarks
Service Remote Control Unit	GGF1381	Adjustment, diagnosis
DVD Test Disc (DVD-Video)	GGV1025	Check of DVD-Video
CD Test Disc	STD-905	Check of CD
DVD Data Disc	GGV1309	ID data setting
Speaker Cable with terminal	SDS1174 (FL/WHITE) SDS1175 (FR/RED), SDS1176 (SL/BLUE) SDS1177 (SR/GRAY), SDS6050 (C/GREEN)	For checking audio at the SP terminal

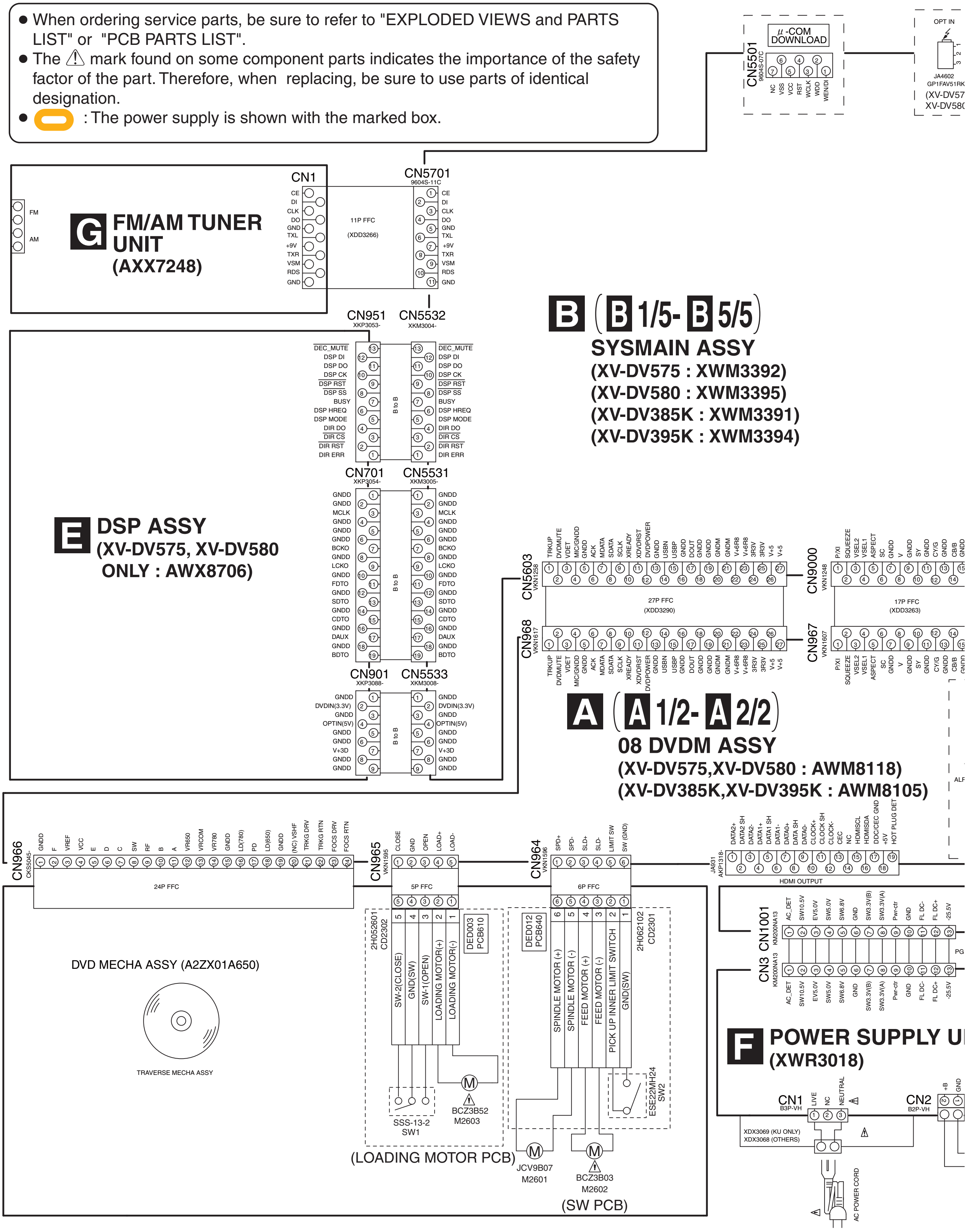
■ Lubricants and Glues list

Name	Lubricants and Glues No.	Remarks
Daifree	GEM1036 (ZLX-ME413A)	Refer to "9.3 DVD MECHA ASSY"
Lubricating oil	GYA1001 (ZLB-PN397B)	Refer to "9.3 DVD MECHA ASSY"
Grease	GEM1018	Refer to "9.3 DVD MECHA ASSY"

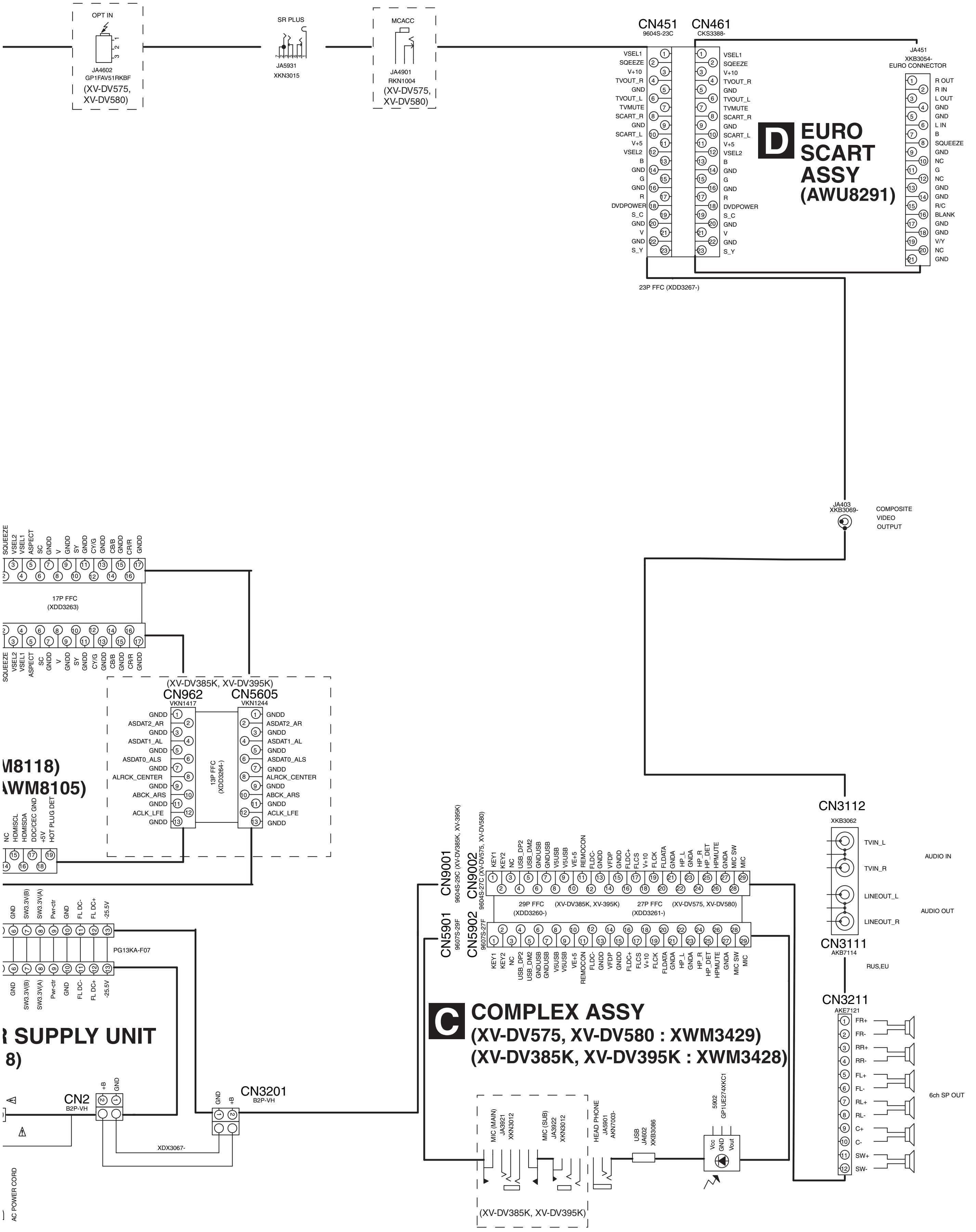
4. BLOCK DIAGRAM

4.1 OVERALL WIRING CONNECTION DIAGRAM

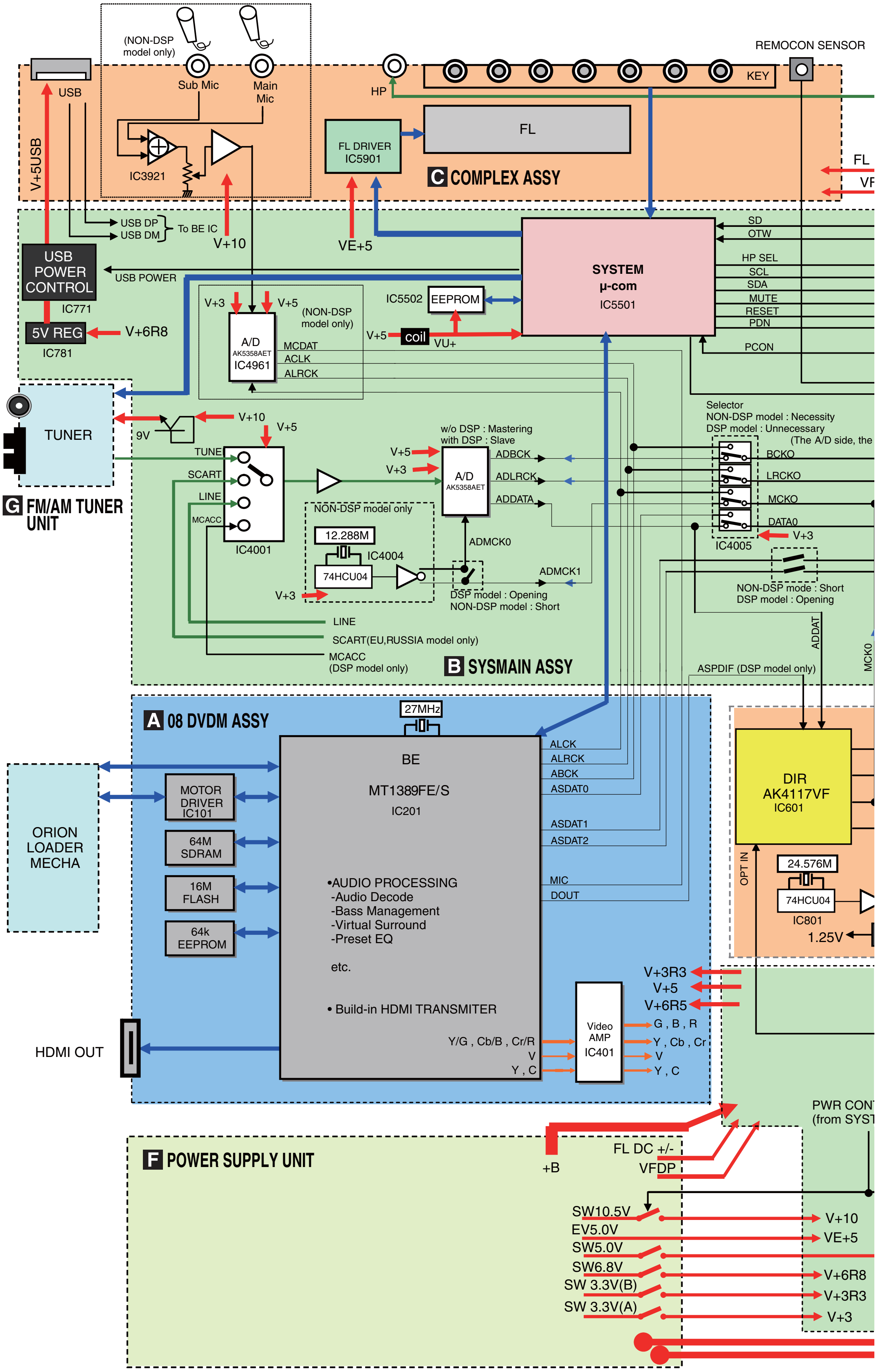
- When ordering service parts, be sure to refer to "EXPLODED VIEWS and PARTS LIST" or "PCB PARTS LIST".
- The ⚠ mark found on some component parts indicates the importance of the safety factor of the part. Therefore, when replacing, be sure to use parts of identical designation.
- ▭ : The power supply is shown with the marked box.



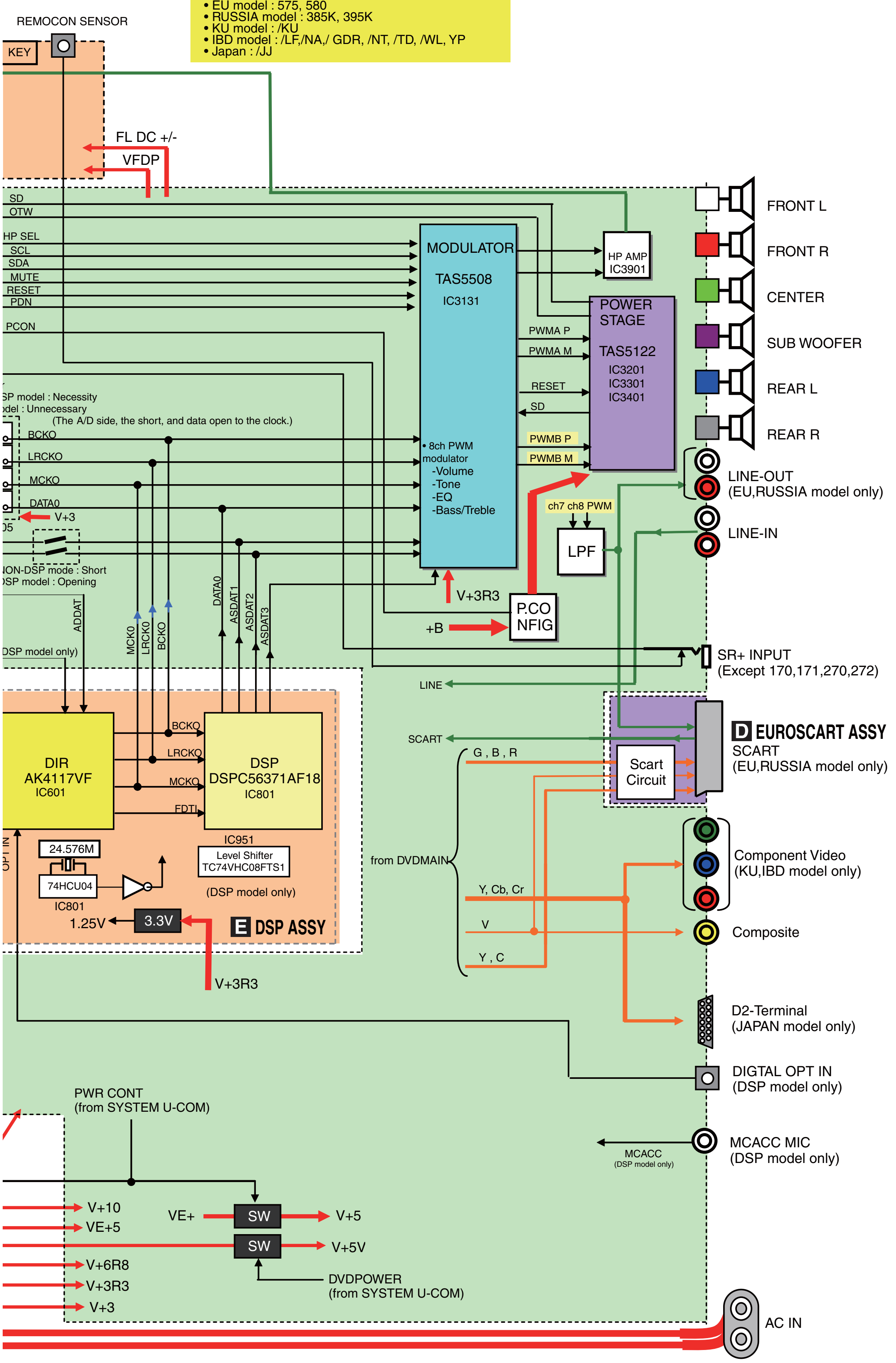
CN5501
9604S-07C
μ-COM DOWNLOAD
NC VSS VCC RST WCLK WDD WEN/DI
OPT IN
JA4602
GP1FAV51RK
(XV-DV57
XV-DV58
G FM/AM TUNER UNIT
(AXX7248)
FM
AM
CN1
CE DI CLK DO GND TXL +9V TXR VSM RDS GND
11P FFC
(XDD3266)
CN5701
9604S-11C
CN951
XKP3053-
CN5532
XKM3004-
DEC_MUTE DSP DI DSP DO DSP CK DSP RST DSP SS BUSY DSP HREQ DSP MODE DIR DO DIR CS DIR RST DIR ERR
B to B
B (B 1/5- B 5/5)
SYSMAIN ASSY
(XV-DV575 : XWM3392)
(XV-DV580 : XWM3395)
(XV-DV385K : XWM3391)
(XV-DV395K : XWM3394)
CN701
XKP3054-
CN5531
XKM3005-
GNDD GNDD MCLK GNDD GNDD GNDD BCKO GNDD LCKO GNDD FDTO GNDD SDTO GNDD CDTO GNDD DAUX GNDD BDTO
E DSP ASSY
(XV-DV575, XV-DV580 ONLY : AWX8706)
CN901
XKP3088-
CN5533
XKM3008-
GNDD DVDIN(3.3V) GNDD OPTIN(5V) GNDD GNDD V+3D GNDD GNDD
CN5603
VKN1258
TRKUP DVDMUTE VDET MIC/GNDD GNDD ACK MDATA SCLK SDATA XREADY XDVDRST DVDPOWER GNDD USBN USBP GNDD DOUT GNDD GNDD GNDM GNDM V+6R8 V+6R8 3R3V 3R3V V+5 V+5
27P FFC
(XDD3290)
CN968
VKN1617
CN9000
VKN1248
P/XI SQUEEZE VSEL2 VSEL1 ASPECT SC GNDD V GNDD SY GNDD CY/G GNDD CB/B GNDD
17P FFC
(XDD3263)
CN967
VKN1607
A (A 1/2- A 2/2)
08 DVDM ASSY
(XV-DV575,XV-DV580 : AWM8118)
(XV-DV385K,XV-DV395K : AWM8105)
ALF
CN966
CKS5045-
GNDD F VREF VCC E D C SW RF B A VR650 VRCOM VR780 GNDD LD(780) PD LD(650) GNDD (NC) VSHF TRKG DRV TRKG RTN FOCS DRV FOCS RTN
24P FFC
CN965
VKN1595
CLOSE GND OPEN LOAD+ LOAD-
5P FFC
CN964
VKN1596
SPD+ SPD- SLD+ SLD- LIMIT SW SW (GND)
6P FFC
JA931
AKP1318-
DATA2+ DATA2 SH DATA2- DATA1+ DATA1 SH DATA1- DATA0+ DATA0 SH DATA0- CLOCK+ CLOCK SH CLOCK- CEC NC HDMISCL HDMISDA DDC/CEC GND +5V HOT PLUG DET
HDMI OUTPUT
2H052601
CD2302
SW-2(CLOSE) GND(SW) SW-1(OPEN) LOADING MOTOR(+) LOADING MOTOR(-)
DED003
PCB610
SSS-13-2
SW1
BCZ3B52
M2603
(LOADING MOTOR PCB)
DED012
PCB640
SPINDLE MOTOR (+) SPINDLE MOTOR (-) FEED MOTOR (+) FEED MOTOR (-) PICK UP INNER LIMIT SWITCH GND(SW)
2H062102
CD2301
ESE22MH24
SW2
JCV9B07
M2601
BCZ3B03
M2602
(SW PCB)
DVD MECHA ASSY (A2ZX01A650)
TRAVERSE MECHA ASSY
CN3
KM200NA13
CN1001
KM200NA13
AC_DET SW10.5V EV5.0V SW5.0V SW6.8V GND SW3.3V(B) SW3.3V(A) Pwr-ctr GND FL DC- FL DC+ -25.5V
PG
F POWER SUPPLY U
(XWR3018)
CN1
B3P-VH
LIVE NC NEUTRAL
CN2
B2P-VH
+B GND
XDX3069 (KU ONLY)
XDX3068 (OTHERS)
AC POWER CORD


OPT IN
JA4602
GP1FAV51RKBF
(XV-DV575, XV-DV580)
SR PLUS
JA5931
XKN3015
MCACC
JA4901
RKN1004
(XV-DV575, XV-DV580)
CN451
9604S-23C
CN461
CKS3388-
VSEL1
SQEEZE
V+10
TVOUT_R
GND
TVOUT_L
TVMUTE
SCART_R
SCART_L
V+5
VSEL2
B
G
R
DVDPOWER
S_C
V
S_Y
23P FFC (XDD3267-)
D EURO SCART ASSY (AWU8291)
JA451
XKB3054-
EURO CONNECTOR
R OUT
R IN
L OUT
L IN
SQUEEZE
NC
R/C
BLANK
V/Y
JA403
XKB3069-
COMPOSITE VIDEO OUTPUT
SQUEEZE
ASPECT
SC
GNDD
SY
CY/G
CB/B
CR/R
17P FFC
(XDD3263)
(XV-DV385K, XV-DV395K)
CN962
VKN1417
CN5605
VKN1244
ASDAT2_AR
ASDAT1_AL
ASDAT0_ALS
ALRCK_CENTER
ABCK_ARS
ACLK_LFE
13P FFC
(XDD3264-)
M8118)
AWM8105)
NC
HDMISCL
HDMISDA
DDC/CEC GND
+5V
HOT PLUG DET
SW3.3V(B)
SW3.3V(A)
Pwr-ctr
FL DC-
FL DC+
-25.5V
PG13KA-F07
R SUPPLY UNIT
8)
CN2
B2P-VH
+B
GND
AC POWER CORD
XDX3067-
CN3201
B2P-VH
CN9001
9604S-29C (XV-DV385K, XV-395K)
CN9002
9604S-27C (XV-DV575, XV-DV580)
KEY1
KEY2
USB_DP2
USB_DM2
GNDUSB
V5USB
VE+5
REMOCON
FLDC-
VFDP
FLDC+
FLCS
FLCK
FLDATA
GNDA
HP_L
HP_R
HP_DET
HPMUTE
MIC SW
MIC
29P FFC
(XDD3260-)
(XV-DV385K, XV-395K)
27P FFC
(XDD3261-)
(XV-DV575, XV-DV580)
CN5901
9607S-29F
CN5902
9607S-27F
C COMPLEX ASSY
(XV-DV575, XV-DV580 : XWM3429)
(XV-DV385K, XV-DV395K : XWM3428)
MIC (MAIN)
JA3921
XKN3012
MIC (SUB)
JA3922
XKN3012
HEAD PHONE
JA5901
AKN7003-
USB
JA602
XKB3086
5902
GP1UE274XKC1
Vcc
GND
Vout
(XV-DV385K, XV-DV395K)
CN3112
XKB3062
TVIN_L
TVIN_R
AUDIO IN
LINEOUT_L
LINEOUT_R
AUDIO OUT
CN3111
AKB7114
RUS,EU
CN3211
AKE7121
FR+
FR-
RR+
RR-
FL+
FL-
RL+
RL-
C+
C-
SW+
SW-
6ch SP OUT

4.2 OVERALL BLOCK DIAGRAM

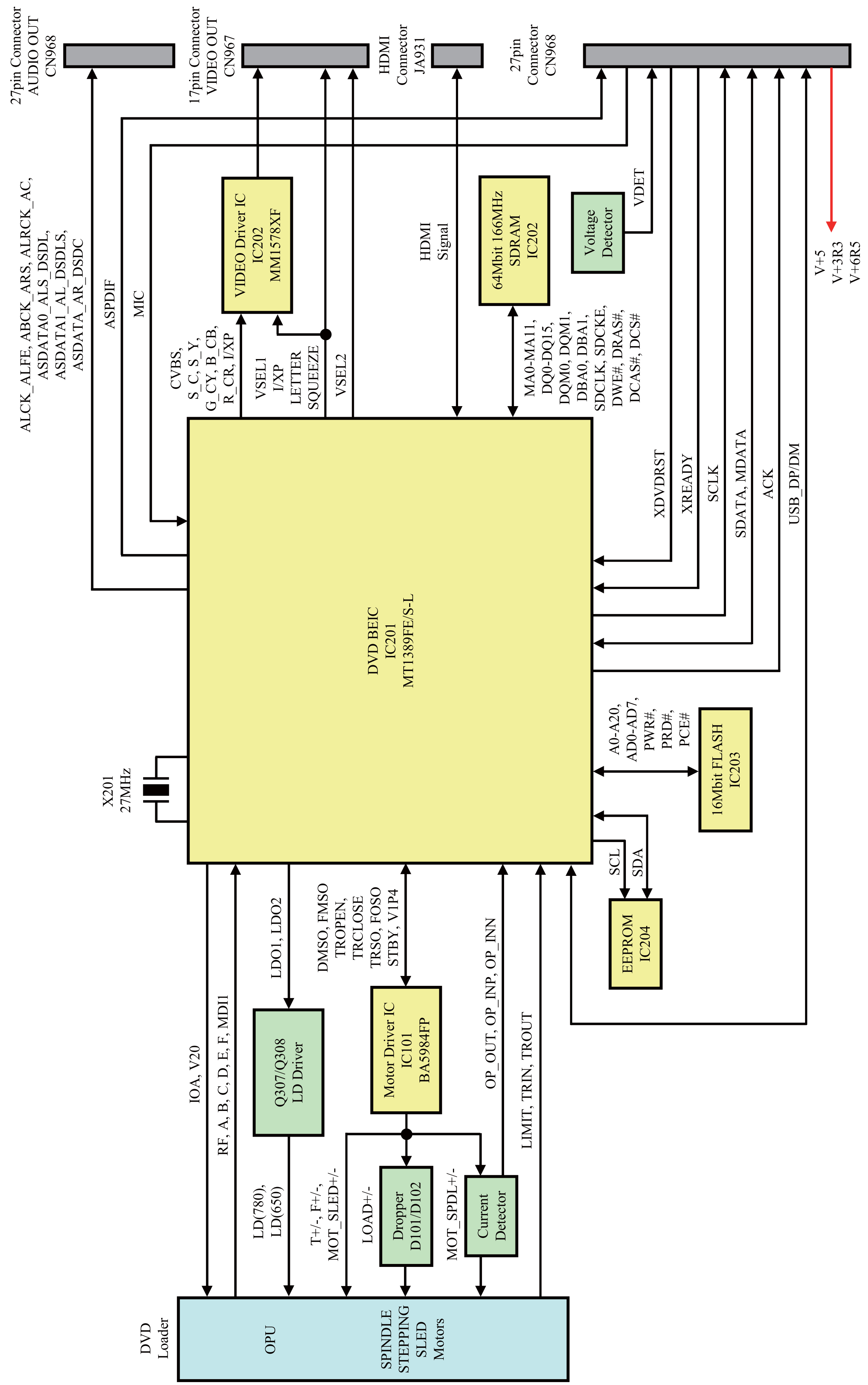

(NON-DSP model only)
Sub Mic
Main Mic
USB
V+5USB
IC3921
HP
KEY
REMOCON SENSOR
FL DRIVER IC5901
FL
C COMPLEX ASSY
FL
VF
USB DP
USB DM
To BE IC
V+10
VE+5
USB POWER CONTROL
IC771
USB POWER
5V REG
IC781
V+6R8
SYSTEM μ-com IC5501
SD
OTW
HP SEL
SCL
SDA
MUTE
RESET
PDN
PCON
IC5502
EEPROM
V+5
coil
VU+
V+3
V+5
(NON-DSP model only)
A/D AK5358AET IC4961
MCDAT
ACLK
ALRCK
TUNER
G FM/AM TUNER UNIT
9V
V+10
V+5
TUNE
SCART
LINE
MCACC
IC4001
w/o DSP : Mastering
with DSP : Slave
V+5
V+3
A/D AK5358AET
ADBCK
ADLRCK
ADDATA
NON-DSP model only
12.288M
IC4004
74HCU04
V+3
ADMCK0
ADMCK1
DSP model : Opening
NON-DSP model : Short
Selector
NON-DSP model : Necessity
DSP model : Unnecessary
(The A/D side, the
BCKO
LRCKO
MCKO
DATA0
V+3
IC4005
NON-DSP mode : Short
DSP model : Opening
LINE
SCART(EU,RUSSIA model only)
MCACC
(DSP model only)
B SYSMAIN ASSY
ADDAT
MCKO
ASPDIF (DSP model only)
A 08 DVDM ASSY
27MHz
BE
MT1389FE/S
IC201
ALCK
ALRCK
ABCK
ASDAT0
ASDAT1
ASDAT2
MIC
DOUT
ORION LOADER MECHA
MOTOR DRIVER IC101
64M SDRAM
16M FLASH
64k EEPROM
•AUDIO PROCESSING
-Audio Decode
-Bass Management
-Virtual Surround
-Preset EQ
etc.
• Build-in HDMI TRANSMITER
Y/G , Cb/B , Cr/R
V
Y , C
Video AMP IC401
G , B , R
Y , Cb , Cr
V
Y , C
V+3R3
V+5
V+6R5
HDMI OUT
DIR AK4117VF IC601
OPT IN
24.576M
74HCU04
IC801
1.25V
PWR CONT (from SYST
F POWER SUPPLY UNIT
FL DC +/-
VFDP
+B
SW10.5V
EV5.0V
SW5.0V
SW6.8V
SW 3.3V(B)
SW 3.3V(A)
V+10
VE+5
V+6R8
V+3R3
V+3

※NOTES for destination
- NON-DSP model : 385K, 395K, 170 , 171, 270, 272
- DSP model : 373, 575, 580, 777
- EU model : 575, 580
- RUSSIA model : 385K, 395K
- KU model : /KU
- IBD model : /LF,/NA,/ GDR, /NT, /TD, /WL, YP
- Japan : /JJ


REMOCON SENSOR
KEY
FL DC +/-
VFDP
SD
OTW
HP SEL
SCL
SDA
MUTE
RESET
PDN
PCON
MODULATOR
TAS5508
IC3131
HP AMP
IC3901
POWER STAGE
TAS5122
IC3201
IC3301
IC3401
PWMA P
PWMA M
RESET
SD
PWMB P
PWMB M
ch7 ch8 PWM
LPF
• 8ch PWM modulator
-Volume
-Tone
-EQ
-Bass/Treble
SP model : Necessity
odel : Unnecessary
(The A/D side, the short, and data open to the clock.)
BCKO
LRCKO
MCKO
DATA0
V+3
05
NON-DSP mode : Short
DSP model : Opening
ADDAT
DSP model only)
MCKO
LRCKO
BCKO
DATA0
ASDAT1
ASDAT2
ASDAT3
V+3R3
+B
P.CO NFIG
FRONT L
FRONT R
CENTER
SUB WOOFER
REAR L
REAR R
LINE-OUT
(EU,RUSSIA model only)
LINE-IN
SR+ INPUT
(Except 170,171,270,272)
LINE
SCART
D EUROSCART ASSY
SCART
(EU,RUSSIA model only)
G , B , R
Scart Circuit
from DVDMAIN
Y, Cb, Cr
V
Y , C
Component Video
(KU,IBD model only)
Composite
D2-Terminal
(JAPAN model only)
DIGTAL OPT IN
(DSP model only)
MCACC MIC
(DSP model only)
MCACC
(DSP model only)
DIR
AK4117VF
IC601
BCKO
LRCKO
MCKO
FDTI
DSP
DSPC56371AF18
IC801
24.576M
74HCU04
IC801
OPT IN
1.25V
3.3V
IC951
Level Shifter
TC74VHC08FTS1
(DSP model only)
E DSP ASSY
V+3R3
PWR CONT
(from SYSTEM U-COM)
V+10
VE+5
VE+
SW
V+5
SW
V+5V
V+6R8
V+3R3
V+3
DVDPOWER
(from SYSTEM U-COM)
AC IN

4.3 DVD LOADER/DECODER BLOCK DIAGRAM

DVD Loader/Decoder Block Diagram


27pin Connector
AUDIO OUT
CN968
17pin Connector
VIDEO OUT
CN967
HDMI
Connector
JA931
27pin
Connector
CN968
ALCK_ALFE, ABCK_ARS, ALRCK_AC,
ASDATA0_ALS_DSDL,
ASDATA1_AL_DSDLS,
ASDATA_AR_DSDC
ASPDIF
MIC
VIDEO Driver IC
IC202
MM1578XF
CVBS,
S_C, S_Y,
G_CY, B_CB,
R_CR, I/XP
VSEL1
I/XP
LETTER
SQUEEZE
VSEL2
HDMI
Signal
64Mbit 166MHz
SDRAM
IC202
MA0-MA11,
DQ0-DQ15,
DQM0, DQM1,
DBA0, DBA1,
SDCLK, SDCKE,
DWE#, DRAS#,
DCAS#, DCS#
Voltage
Detector
VDET
V+5
V+3R3
V+6R5
XDVDRST
XREADY
SCLK
SDATA, MDATA
ACK
USB_DP/DM
DVD BEIC
IC201
MT1389FE/S-L
X201
27MHz
A0-A20,
AD0-AD7,
PWR#,
PRD#,
PCE#
16Mbit FLASH
IC203
SCL
SDA
EEPROM
IC204
IOA, V20
RF, A, B, C, D, E, F, MDI1
LDO1, LDO2
Q307/Q308
LD Driver
DMSO, FMSO
TROPEN,
TRCLOSE
TRSO, FOSO
STBY, V1P4
Motor Driver IC
IC101
BA5984FP
OP_OUT, OP_INP, OP_INN
LIMIT, TRIN, TROUT
LD(780),
LD(650)
T+/-, F+/-,
MOT_SLED+/-
LOAD+/-
Dropper
D101/D102
MOT_SPDL+/-
Current
Detector
DVD
Loader
OPU
SPINDLE
STEPPING
SLED
Motors

5. DIAGNOSIS

5.1 METHOD FOR DIAGNOSING DEGRADATION OF THE LDS ON THE PICKUP

Case when this diagnosis is required :
When playback of any disc, including a test disc (DVD: GGV1025, CD: STD-905), cannot be performed

How to diagnose

In the case mentioned above, degradation of the laser diodes (LDs) mounted on the Pickup PCB is suspected.
Measure the voltage between the two ends of one of the resistors mentioned below.

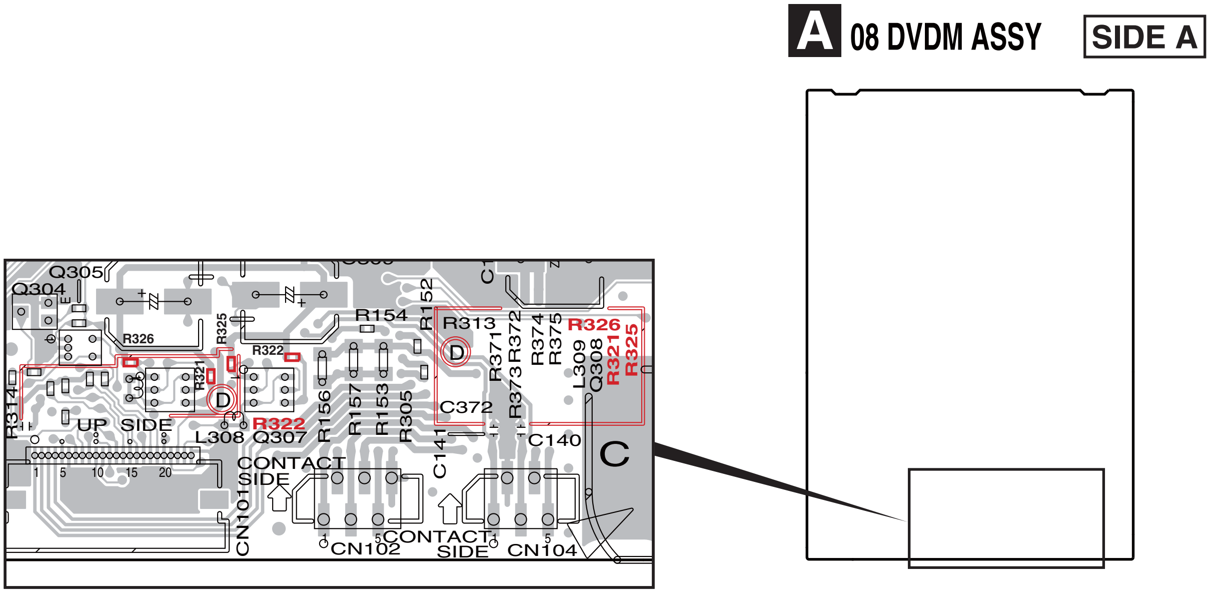
- **No playback of a DVD :**

  Measure the voltage between the two ends of R322 or R325 on the 08 DVDM Assy. If the voltage is 0.4 V or higher, the 650-nm LD is degraded.

- **No playback of a CD :**

  Measure the voltage between the two ends of R321 or R326 on the 08 DVDM Assy. If the voltage is 0.4 V or higher, the 780-nm LD is degraded.

If the measurements show degradation of an LD, replace the DVD MECHA Assy.


A 08 DVDM ASSY
SIDE A
Q305
Q304
R326
R325
R322
R321
R314
UP SIDE
L308
Q307
R322
D
R154
R152
R313
R371
R372
R373
R374
R375
L309
Q308
R326
R321
R325
D
R156
R157
R153
R305
C372
C141
C140
C
CONTACT SIDE
CN101
CN102
CONTACT SIDE
CN104
1 5 10 15 20

5.2 DVD TROUBLE SHOOTING

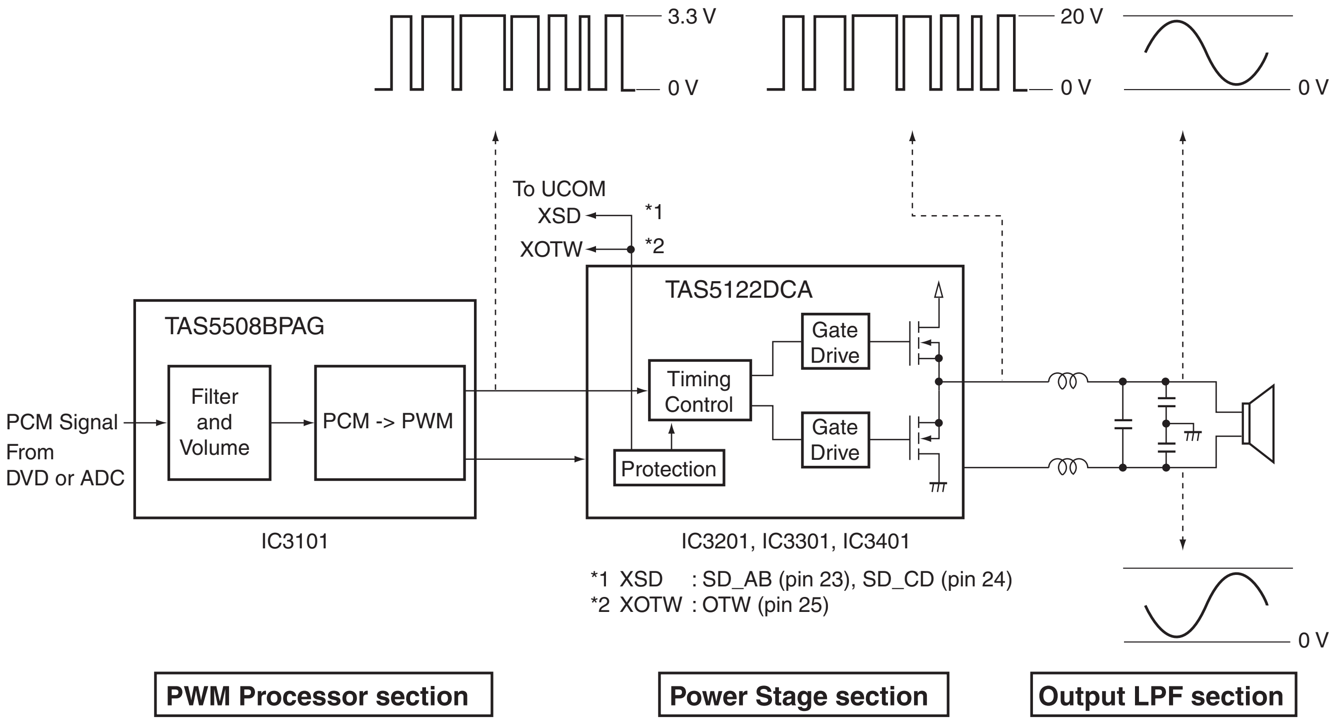
● Symptoms that may occur when any of the following ICs is in failure

IC	Symptoms
EEP ROM (08 DVDM Assy : IC204)	User's data cannot be stored in memory. The ID number is lost.
Flash ROM (08 DVDM Assy : IC203)	The power cannot be turned on. Downloading of the firmware cannot be performed.
DVD IC (08 DVDM Assy : IC201)	Any kind of symptoms (no power, a failure in any of the servo, video and audio systems, USB etc.) may be generated, because the DVD processing is performed by a single chip.
64M SDRAM (08 DVDM Assy : IC202)	No power. Block noise is generated during playback.

No.	Symptoms	Diagnosis Contents	Possible Defective Points
1	The power is not turned on.	Are wires of output connector (POWER SUPPLY Unit) and CN968 (08 DVDM Assy) disconnected or damaged ?	Connector / cable
		Check that the following voltage is output : CN968-pin 24 or pin 25 (08 DVDM Assy): 3.3 V	**POWER SUPPLY Unit**
2	An opening screen is not displayed on the monitor (The FL display lights. The mechanism does not work.)	Are the signals output from IC201-pin 97 (MDATA) and pin 98 (SCLK) on the 08 DVDM Assy ? (in the range of 0 - 3 V)	**08 DVDM Assy** DVD IC (IC201)
		Are the signals input into IC5501-pin 50 (MDATA) and pin 51 (SCLK) on the SYSMAIN Assy ? (in the range of 0 - 3V)	**SYSMAIN Assy** UCOM (IC5501)
		Check that the following voltage are output : Q1302-collector on the SYSMAIN Assy: 5V	**POWER SUPPLY Unit /** **SYSMAIN Assy** Q1302
		Is a resonator (X201: 27 MHz) on the 08 DVDM Assy oscillating ?	**08 DVDM Assy** Crystal resonator (X201) DVD IC (IC201)
		• Is a signal input into IC203-pin26 (PCE#) on the 08 DVDM Assy ? (Is a signal "H" for 80 ms and then "L" after the power is turned on ?) -> Communication with flash ROM. • Are the signals input into IC202-pin 16 (DWE#), pin 19 (DCS#) and pin 38 (SDCLK) on the 08 DVDM Assy ? (Is a signal fluctuating ?) -> Communication with SDRAM	**08 DVDM Assy** DVD IC (IC201) Flash ROM (IC203) SDRAM (IC202)
		Is a signal output from IC203-pin 28 (PRD#) on the 08 DVDM Assy? (Is a signal fluctuating for several hundred ms after the power is turned on ?)	**08 DVDM Assy** Flash ROM (IC203)
		Is a signal input into IC5501-pin 67 (DVD ACK) on the SYSMAIN Assy ? (Is a signal fluctuating ?) -> Communication with FL Control IC	**08 DVDM Assy** DVD IC (IC201) **SYSMAIN Assy** UCOM (IC5501)
		Is a signal output from IC5501-pin 78 (XREADY) on the SYSMAIN Assy ? (Is a signal fluctuating in the range of 0-5V ?)	**SYSMAIN Assy** UCOM (IC5501)
		Are the signals output from IC5501-pin 49 (SDATA) on the SYSMAIN Assy ? (in the range of 0-5V)	**08 DVDM Assy** DVD IC (IC201) **SYSMAIN Assy** UCOM (IC5501)
		Are the signals of IC204-pin 5 (SDA) and pin 6 (SCL) on the 08 DVDM Assy fluctuating for one or two seconds after the power is turned?	**08 DVDM Assy** EEPROM (IC204)
3	An opening screen is not displayed on the monitor (The FL display lights. The mechanism works.)	Check the video signal path between DVD IC (08 DVDM Assy IC201) and video-out terminal (see the block diagram)	**08 DVDM Assy** Video circuit after DVD IC (IC201)

No.	Symptoms	Diagnosis Contents	Possible Defective Points
4	A tray cannot be opened. (An opening screen is displayed on the monitor)	Does the voltage of CN965-pin 3 and pin 5 on the 08 DVDM Assy change normally ? Pin 3 (CLOSE (TRIN)): Tray is fully closed: "L" Pin 5 (OPEN (TROUT)): Tray is fully opened: "L"	**DVD MECHA Assy** Switch (SW1)
		Is the signal input into IC101-pin 1 (TROPEN) on the 08 DVDM Assy? At open: 3.3 V, At close: 0 V	**08 DVDM Assy** DVD IC (IC201)
		Are the signals output from CN965-pin 5 and pin 4 on the 08 DVDM Assy ? Pin 5: Approx. 5 V during opening tray approx. 1 V during closing tray. Pin 4: Approx. 0 V during opening tray approx. 6 V during closing tray.	**08 DVDM Assy** FTS Driver IC (IC101)
		Are wires of CN964 and CN965 on the 08 DVDM Assy disconnected or damaged ?	Connector / cable
		Does the voltage of CN964-pin 5 on the 08 DVDM Assy change to 0 V by pressing the Push switch.	Push switch (SW2)
5	Playback impossible (no focusing)	Are the signals output from IC101-pin 16 (F+) and pin 15 (F–) on the 08 DVDM Assy ?	**08 DVDM Assy** FTS Driver IC (IC101)
		Does 650-nm LD emit light ? Does a pickup lens move up / down ? Does an actuator spring bend ?	Pickup
		Are plastic parts damaged ? Or is a shaft detached ? Is the turntable detached or tilted ?	Mechanism section (motor)
		Is flexible cable of CN965 on the 08 DVDM Assy disconnected or damaged ?	Flexible cable / connector
		Is signal output from IC201-pin 41 (FOSO) on the 08 DVDM Assy ? (Device control of about 1.4 V is output usually. It is fluctuated by about 250 mV with focus up / down.)	**08 DVDM Assy** DVD IC (IC201)
6	Playback impossible (Spindle does not turn)	Are the signals output from IC101-pin 12 (MOT_SPDL–) and pin 11 (MOT_SPDL+) on the 08 DVDM Assy ? Is pin 21 (STBY) fixed LOW ? (pin 21 is High at playback: 3 V)	**08 DVDM Assy** FTS Driver IC (IC101)
		Is there any part detached from the spindle motor ? Or Is there any foreign object lodged in it ?	Mechanism section (Spindle motor)
		Are wires of CN964 on the 08 DVDM Assy disconnected or damaged ?	Flexible cable / connector
		Is signal output from IC201-pin 36 (DMSO) on the 08 DVDM Assy ?	**08 DVDM Assy** DVD IC (IC201)
7	Playback impossible (Playback stops)	Does 650-nm LD deteriorate ? If the voltage at each both ends of R322 and R325 on the 08 DVDM Assy is 0.4 V or more, the 650-nm LD is definitely deteriorated.	650-nm LD deteriorated. (When playback of a DVD is impossible)
		Does 780-nm LD deteriorate ? If the voltage at each both ends of R321 and R326 on the 08 DVDM Assy is 0.4 V or more, the 780-nm LD is definitely deteriorated.	780-nm LD deteriorated. (When playback of a CD is impossible)
		Are there scratches or dirt on the disc ?	Disc
8	Picture disturbance during playback (block noise, freeze, other)	Are there scratches or dirt on the disc ? Is there a problem with the format of the disc ?	Disc
		Check the video signals. Composite video signal (IC401-pin 23) S video signal (IC401-pin 21, pin 26) RGB video signal (IC401-pin 16, pin 18, pin 20)	**08 DVDM Assy** DVD IC (IC201) Video IC (IC401)
9	No sound (Picture is normal)	Check the waveform (ALCK: IC201-pin 231), (ALRCK: IC201-pin 227), (ABCK : IC201-pin 230), (ASDATA0/1/2: IC201-pin 226/225/223). Check the waveform (ASPDIF: IC201-pin 215)	**08 DVDM Assy** DVD IC (IC201)

5.3 CIRCUIT DESCRIPTION OF DIGITAL AMP SECTION


3.3 V
0 V
20 V
0 V
0 V
To UCOM
XSD
XOTW
*1
*2
TAS5508BPAG
Filter and Volume
PCM -> PWM
PCM Signal
From
DVD or ADC
IC3101
TAS5122DCA
Timing Control
Protection
Gate Drive
Gate Drive
IC3201, IC3301, IC3401
*1 XSD : SD_AB (pin 23), SD_CD (pin 24)
*2 XOTW : OTW (pin 25)
0 V
PWM Processor section
Power Stage section
Output LPF section

PWM Processor section

The PCM signals output from the DVD decoder or AD converter are input to this section, and their volume and sound quality are digitally adjusted. At the output stage, after conversion from PCM to PWM, the signals are output to the Power stage.

Power Stage section

In this section, timing is controlled so that the MOSFETs on the high and low sides will not be turned on simultaneously. The voltage of the PWM signals are raised to drive the gates of the MOSFET, and the PWM signals to drive the speakers are output from the MOSFET at the output stage. Detection and protection functions against short-circuiting of the output signals and temperature exceeding the standard value are also provided.

If the detection and protection work, the ports of the power stage ICs become the following state.

Power Stage ICs No.	Protection Enable State
IC3201	SD_AB (pin 23) => L
IC3301	SD_CD (pin 24) => L
IC3401	OTW (pin 25) => L

Output LPF section

The carrier elements, high-frequency signals that are unnecessary for these speakers, are eliminated. The signals passed through the LPF will become sine-wave signals, as shown in the figure above.

5.4 SPECIFICATIONS OF PROTECTION CIRCUITS FOR DIGITAL AMP SECTION

The protection circuits for the Digital Amplifier are activated, following the specifications shown below. The error indication on the FL display shows the reason a protection circuit was activated.
Upon diagnosis of the Digital Amplifier, refer to the specifications for the protection circuits here and the overview of the Digital Amplifier circuitry.

1. Overview

The system microcomputer monitors the ports for shutdown requests (pin 23: SD_AB and pin 24: SD_CD) and the ports for abnormal-temperature detection (pin 25: /OTW) of the Power Stage ICs (IC3201, IC3301, and IC3401). As soon as any abnormality is detected, it shuts the unit down.
To notify the user of the possibility of a too high a volume, when the unit is turned on the next time, the volume level will be set to 0, and an error message will be displayed on the FL display.

2. Ports on the system microcomputer to be used for detection

Pin 77: SHUTDOWN
Low voltage at this pin means overcurrent or voltage too low (= V+B27) at a Power Stage IC.

Pin 79: XOTW
Low voltage at this pin means the temperature at the Power Stage ICs exceeded 125 °C.

Note: As one Power Stage IC is provided with two channels, three Power Stage ICs (in total 6 channels) are mounted in this unit. For abnormality detection, the unit implements a logical OR operation regarding these three ICs. Therefore, which IC is abnormal cannot be known directly. To find which IC is abnormal, it is required to check the PWM outputs (pins 35, 38, 47, 50) of the each power stage ICs (IC3201, IC3301, IC3401).

3. Detection timing

Start : Detection starts 500 ms after the PWRCONT port (pin 84) of the system microcomputer becomes active by your pressing the STANDBY/ON key.

Finish : When the STANDBY/ON key is pressed again (when the power-off process starts).

4. Operation of the protection circuits

The following three protection circuits are activated when the conditions shown below are met:

Overcurrent detection: Indication on the FL display: OC ERROR
Conditions: If the SHUTDOWN ports, which are monitored every 10 ms, become low 7 times in succession

Abnormal temperature detection 1: Indication on the FL display: OVERTEMP
Conditions: If the XOTW ports, which are monitored every 10 ms, become low in succession for one minute.

Abnormal temperature detection 2: Indication on the FL display: OVERTEMP
(Prerequisite: The XOTW ports, which are monitored every 10 ms, become low three times in succession.)
Conditions: The above prerequisite is upheld, and the conditions for an overcurrent detection are met.

Abnormal temperature detection 3: Indication on the FL display: OVERTEMP
Conditions: The PCONFIG ports (pin 21), which are monitored every 30 ms, become more than 2 Vrms more than 45 % in one minute.

5. Process when the protection circuits are activated

The unit is shut down within 30 ms after abnormality detection then the volume level is set to 0. The unit can be turned on immediately after the shutdown.

6. SERVICE MODE

6.1 TEST MODE

■ Test Mode Functional Specification

① Test mode entry

In the power ON state, press the [ESC] key and [TEST] key in order of the Test mode remote control unit.

- OSD displays test mode.

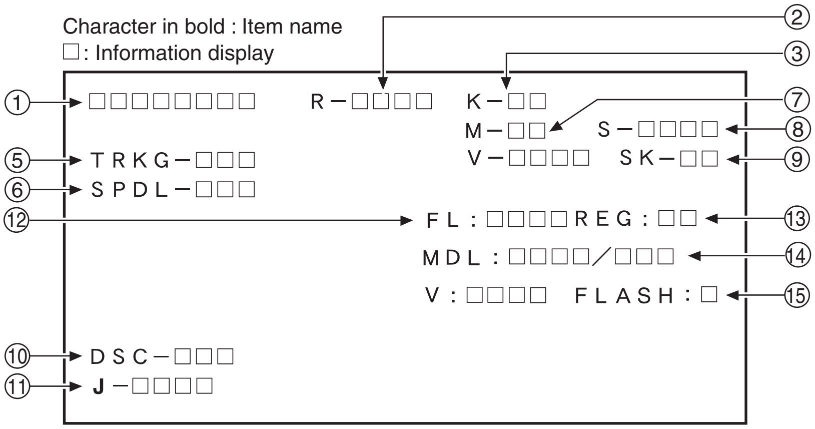
② LD ON

Enter the test mode.
DVD : Press the [TEST] and [1] keys in order, and turn on the laser diode (650 nm).
CD : Press the [TEST] and [4] keys in order, and turn on the laser diode (780 nm).

③ Release the Test mode

- Turn off the power.
- Press the [ESC] key of the remote control unit and reset it.

6.2 DISPLAY SPECIFICATIONS OF THE TEST MODE



① **Address indication**
The address being traced is displayed in number.
(as for the DVD, indication of decimal number is possible.)
DVD : ID indication (hexadecimal number, 8 digits) [* * * * * * * *]
CD : ID indication [* * * * * * * *]

② **Code indication of remote control unit [R – * * * *]**
In case of double code, display a 2nd code.

③ **Main unit keycode indication [K – * *]**

⑤ **Tracking status [TRKG – * * *]**
Tracking on : [ON]
Tracking off : [OFF]

⑥ **Spindle status [SPDL – * * *]**
CLV : [CLV]
Off : [OFF]

⑦ **Mechanism (loading) position value [M – * *]**
Unknown : [01] or [41]
Open state : [04]
Close state : [08]
During opening : [12]
During closing : [22]

⑧ **Slider position [S – * * * *]**
In Side Switch ON : [01]
In Side Switch OFF: [00]

⑨ **Output video system [V – * * * *]**
NTSC system : [NTSC]
PAL system : [PAL]
Automatic setting: [AUTO]
Scart terminal output [SK – * *]
(Display only the WY model which can do the output setting of scart terminal.)
VIDEO : [00]
S-VIDEO : [01]
RGB : [02]

⑩ **Disc sensing [DSC – * * *]**
The type of discs loaded is displayed.
[DVD], [CD]

⑪ **Jitter value [J – * * * *]**
Note: Don't use it.

⑫ **Version of the FL controller [FL: * * * *]**
Note: Don't use it.

⑬ **Region setting of the player [REG: *]**
Setting value : [1] to [6]

⑭ **Destination setting of the FL controller [MDL: * * * * / * * *]**
Four characters in the front represent code 01.
Three characters in the back represent the destination code.
J: Japan, K: North America, R: General Area,
LB: Taiwan, WY: Europe, TH: Thai, RAM: China

⑮ **Version of the flash ROM [V: * *. * *]**
Flash ROM size [FLASH = * *]

6.3 FUNCTIONAL SPECIFICATIONS OF THE SHORTCUT KEY

Only during normal playback, the following shortcut keys can be assigned by pressing a required key after pressing the ESC key of the remote control unit. To quit, press the ESC key

Command Contents	Conditions	Remote Control Key Name
Memory clear and region / revision indication		CLEAR (*1)
Average value measurement of DVD error rate		5 (*1)
CD error rate measurement		5 (*1)
Scart terminal output : VIDEO	Models equipped with Scart terminal	AUDIO
Scart terminal output : S-VIDEO		SUBTITLE
Scart terminal output : RGB		ANGLE
Progressive OFF	Only for progressive models	R_SKIP
Progressive ON		F_SKIP
HDMI Resolution : 1920 x 1080p	Only for HDMI models	PROGRAM
FL indication of ID number		STEREO (*1)
ZOOM ON (x4)		ZOOM
Service mode indication (error rate indication, etc.)		CHP/TIM (*1)
Model information indication		CHAP (*1)
Title search Input mode IN Title No. input Search execution		SIDE A (*1) Numbers (*1) PLAY (*1)
Region confimation mode		A.MON (*1) Numbers (*1)

*1 : Test mode remote control unit

- **Service mode indication (ESC + CHP/TIM keys)**

ID Address
The error rate is always displayed in exponential notation, e.g., *.* * e - *, for both DVDs and CDs.
EDC/ID/AV 1 error history (ID Address, EDC/ID Error, last eight errors)

- **Calculation of the average error rate (ESC + "5" [Test mode remote control unit] keys)**

The average of the last eight error rates is calculated and indicated in exponential notation. After the calculation is completed, "OK" or "NG" is displayed. If "NG" is displayed, the disc tray will open (for both DVDs and CDs)
For DVDs: OK with 5.0e-4 or less, for CDs: OK with 7.6e-3 or less

- **Indication of model information (ESC + CHAP keys)**

For details, see 6.4.

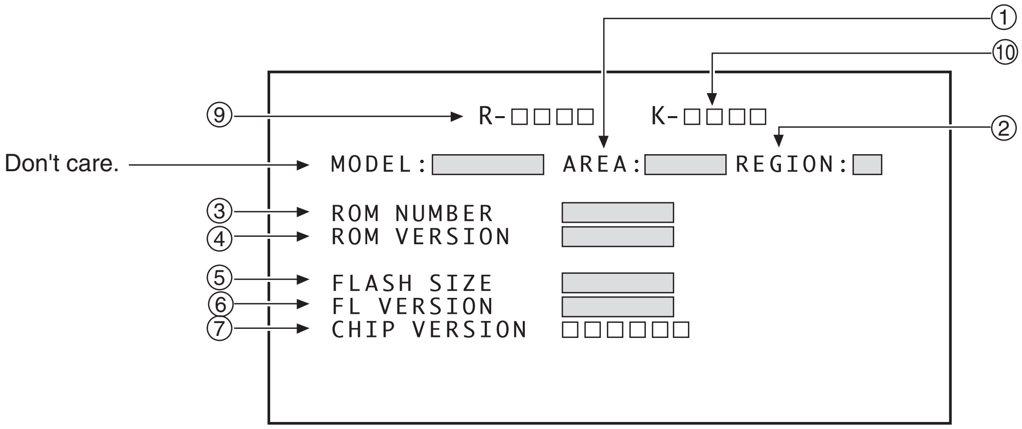
- **Region confirmation mode (ESC + A.MON [Test mode remote control unit] + "1"-"6" [Test mode remote control unit] keys)**

After you press the A.MON key while holding the ESC key pressed and then input the region number, if the number is different from that set in the unit, an error message is displayed, and the tray opens.

6.4 SPECIFICATIONS OF MODEL INFORMATION DISPLAY

To display model information : Press the ESC key then the CHAP key.
To close the model information display : Press the ESC key.

• Display contents


①
⑩
⑨
R-□□□□
K-□□□□
②
Don't care.
MODEL:
AREA:
REGION:
③
ROM NUMBER
④
ROM VERSION
⑤
FLASH SIZE
⑥
FL VERSION
⑦
CHIP VERSION
□□□□□□

Character in bold : Item name
□: Information display

① **Destination indication**
Display it according to model information set from the FL controller.
② **Region No.**
③ **Part number**
④ **ROM version**
⑤ **Flash size**

⑥ **FL controller version**
⑦ **CHIP VERSION**

⑨ **Remote control code**
⑩ **Key code of Main unit**

6.5 FUNCTIONAL SPECIFICATIONS OF THE SERVICE MODE

• Display during Service Mode

To enter Service Mode, press the CHP/TIM key while holding the ESC key pressed.
To quit, press the ESC key.

Service mode display

① ID Address

② Error rate (always displayed), in exponential notation

ERROR RATE : * * * * * * *
(* * * *)
└── Number of error

• Calculation of the average error rate
For DVDs: OK with 5.0e-4 or less, for CDs: OK with 7.6e-3 or less

ex) For DVDs

• Step 1

△△e - □

△△e -6 : OK
△△e -5 : OK
△△e -4 : Refer to Step 2
△△e -3 : NG
△△e -2 : NG

• Step 2

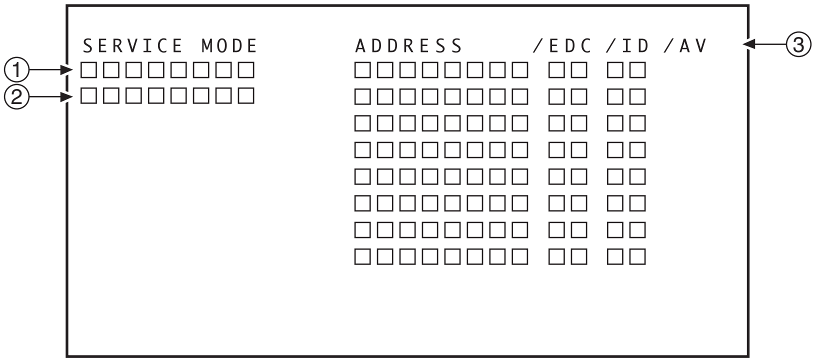
△△e -4

3.0e -4 : OK
4.0e -4 : OK
5.0e -4 : OK
6.0e -4 : NG
7.0e -4 : NG

③ EDC/ID error history (ID Address, EDC/ID errors, last eight errors)

Note:
∗ Error of AV1 is not supported in this player.

Indication plan contents



Character in bold : Item name
□: Information display

6.6 SERVICE TEST MODE

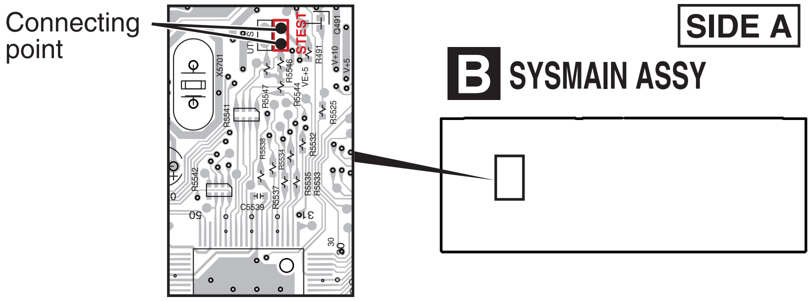
1. Configuration and conditions during checking

- Emergency shut down will not happen even if breakdown happens in the Service Test mode. (Just ignore it)
- POWER ON in test mode can be done in less than 1 minute even when emergency shut down happens when error is detected.
- Total power on time can be checked.

2. Switching to the Test Mode

- AC power on when the STEST port (pin 43) is set to HIGH (5 V).
  ∗ Initial function is DVD/CD.
- AC power on by pressing the STOP key and POWER key on the front panel at the same time.
  The set will automatically power on and the following display will appear.
- The FL display during TEST MODE entry is different depending on whether NORMAL POWER OFF occurred before entering the TEST MODE or EMERGENCY SHUT DOWN occurred due to error detection.

■ Service Test Mode connecting point



[After NORMAL POWER OFF]

[display]

WELCOME
⇩
VOL 0
⇩
DVD SERV

[After AMP error]

[display]

PRTCT E
⇩
VOL 0
⇩
DVD SERV

[After DVD error]

[display]

DVDPRTCT
⇩
VOL 0
⇩
DVD SERV

[After EEPROM error]

[display]

EEP ERR
⇩
VOL 0
⇩
DVD SERV

[After ABNORMAL TEMP. DETECTION]

[display]

OVERTEMP
⇩
VOL 0
⇩
DVD SERV

[After OVERCURRENT DETECTION1]

[display]

OC ERR 1
⇩
VOL 0
⇩
DVD SERV

[After OVERCURRENT DETECTION2]

[display]

OC ERR 2
⇩
VOL 0
⇩
DVD SERV

∗ Either POWER OFF or AC OFF to get out from TEST MODE.
∗ When the TEST MODE is released, only the RAM which stores the error status will be initialized.
(RAM that can be set by the user will not initialized.)

3. Operation

- Basically, operation is the same as the NORMAL MODE.
  However, the following display will be indicated when function is changed to show that the TEST MODE is in operation.

[For DSP Model Only]

[Function]	[display]	
DVD/CD	DVD SERV	
USB	USB SERV	
TUNER	TX SERV	
LINE1	LN1 SERV	(Digital input for Japan and IBD model, SCART for Europe)
LINE(2)	LN2 SERV	(Analog input for Japan and IBD model, digital for Europe)
LINE(3)	LN3 SERV	(Europe only, analog input)

[For NON-DSP Model Only]

[Function]	[display]	
DVD/CD	DVD SERV	
USB	USB SERV	
TUNER	TX SERV	
LINE1	LN1 SERV	(Europe)
LINE(2)	LN2 SERV	(general Line function)

[Only for models without DSP]

- When function is switched to LINE 2 (LINE for areas beside Europe, Japan), SURROUND mode will switch to X-STEREO (5CH STEREO) just for the TEST MODE. (NORMAL MODE: 2CH STEREO)
  At this point, sound checking can't be done using HP.
  (HP operation cannot be guaranteed for X-STEREO (5CH STEREO))
  All functions, other than LINE2 (LINE for areas besides Europe) can be used for sound checking using HP.

[Models with DSP]

- Change the ADV mode to X-STEREO (5 ch STEREO) mode for multi CH output.

4. Errors

- BREAKDOWN CATEGORY: Depends on the error displayed during POWER ON.

PRTCT E

Protect circuit is operating.

1. Depending on the different power supply abnormalities, V+10, V+5, V+3R3 short-circuit occured or V+10, V+5, V+3R3 has exceeded the stipulated standardized values.

2. In the system microP (PDC175A, PDC176A) somewhere, the XPROTECT line has either shorted to ground or has been disconnected.

DVDPRTCT

Abnormal DVD.

1. Depending on the power supply abnormalities, V+6R8, V+5V, V+3 short-circuit occured or V+6R8, V+5V, V+3 has exceeded the stipulated standardized values.
2. In the system microP (PDC175A, PDC176A) somewhere, the VDET line has either short to ground or disconnected.

EEP ERR

1. Communication line to the EEPROM could either be disconnected or short.
2. The EEPROM IC itself could be faulty.

OC ERR 1

- If error display does not come on again when POWER ON in the NORMAL MODE, this could mean that the speaker terminal is short.
- If error display comes on, the following conditions are some possibilities:
  1. In the AMP Block, either one or more of the digital amp IC has broken down.
  2. Short-circuit occurred somewhere between the faulty IC(s) and speaker terminal.
  3. The XSD SHUTDOWN line has either short to ground or disconnected somewhere between the faulty digital amp IC and system microP (PDC175A, PDC176A).

OC ERR 2

- The error is mainly caused by the short circuit at the POWER SUPPLY Unit .
- The error will also occur when V+BSW is too low.

OVERTEMP

- No abnormality if "OVERTEMP" display does not come on when POWER ON in the NORMAL MODE again. (The TEMP could have just gone up temporarily. Try reducing the volume)
- When the "OVERTEMP" display comes on again, the following conditions are some possibilities:
  1. In the AMP Block, either one or more of the digital amp IC has broken down.
  2. The XOTW line has either short to ground or disconnected somewhere between the faulty digital amp IC(s) and system microP (PDC175A, PDC176A).

5. Total Power on Time Display

- If STOP key is pushed continuously for 8 sec during POWER ON, the total POWER ON time will come on after the system microp version display.

System microP version **PDC175A**

⇩ Approx. 3 seconds later

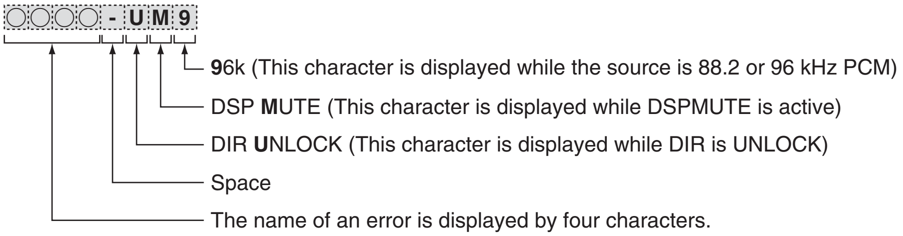
POWER ON TIME **10H30M**

6. DSP Error Display (for models with DSP only)

- During POWER ON, you can switch between DSP error display <=> Normal display when the SOUND key on the remote control is pressed.

6.7 DISPLAY SPECIFICATIONS OF DSP ERROR

[FL display]



96k (This character is displayed while the source is 88.2 or 96 kHz PCM)

DSP **M**UTE (This character is displayed while DSPMUTE is active)

DIR **U**NLOCK (This character is displayed while DIR is UNLOCK)

Space

The name of an error is displayed by four characters.

[Example]

ERR.0	DIER-UM	Cannot receive data from the DIR --> Probably due to faulty DIR or bad connection
ERR.1	DSER-UM	Cannot receive data from the DSP --> Faulty communication between DIR and DSP --> Probably due to faulty DSP or connection on the circuit board
ERR.2	HREQ-UM	No HREQ return value --> Probably due to faulty DSP
ERR.3	DSNG-UM	DSP error message --> Faulty communication between the DIR and DSP --> Probably due to faulty DSP
ERR.4	DMUT- M	DECMUTE on all the time --> Faulty communication between the DIR and DSP --> Probably due to faulty DSP
NO ERR (the source is 88.2/96 kHz.)	DSOK- 9	96 kHz source play
NO ERR (the source is not 88.2/96 kHz.)	DSOK-	No abnormality

DSP error message mode

Press "SOUND" button in service test mode to show DSP error message displays.
Press "SOUND" again to select normal service test mode.
This means that the usual function of "SOUND" is not effective in the service test mode.

7. DISASSEMBLY

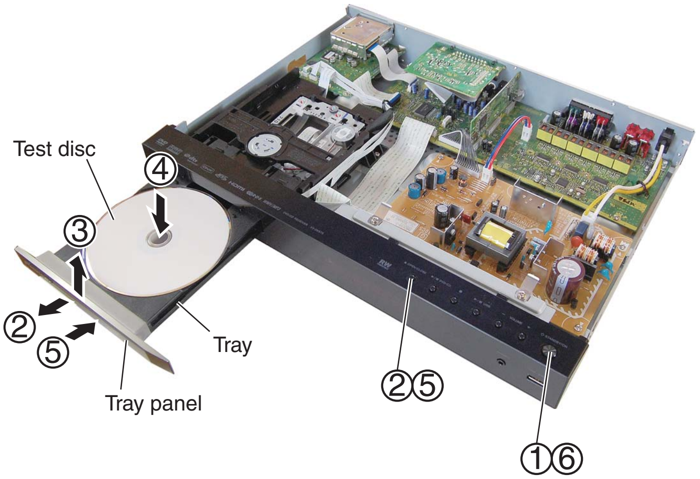
Note 1: Do NOT look directly into the pickup lens. The laser beam may cause eye injury.
Note 2: Even if the unit shown in the photos and illustrations in this manual may differ from your product, the procedures described here are common.

Disassembly

1 Bonnet, Tray Panel

❶ Remove the bonnet by removing the nine screws.

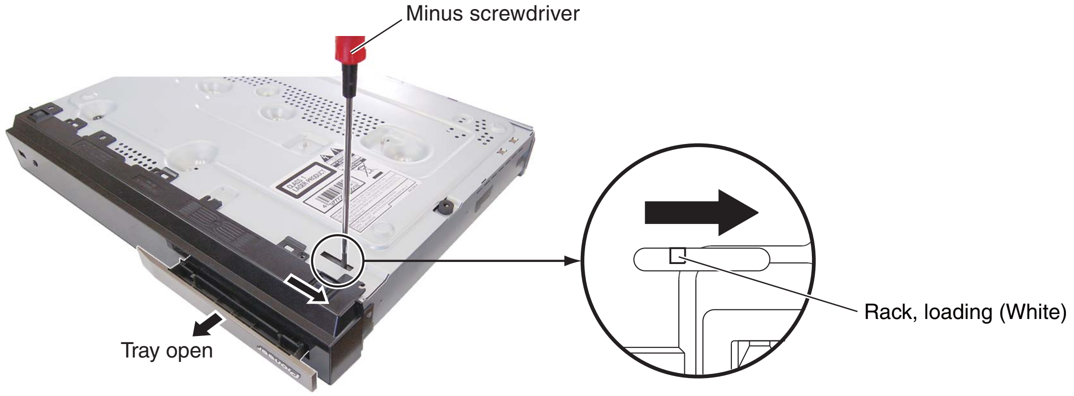
① Press the ⏻ STANDBY/ON button to turn on the power.
② Press the ⏏ OPEN/CLOSE button to open the tray.
③ Remove the tray panel.
④ Set the test disc.
⑤ Press the ⏏ OPEN/CLOSE button to close the tray. (Test disc is clamped.)
⑥ Press the ⏻ STANDBY/ON button to turn off the power.
⑦ Pull out the Power cord.



How to open the tray when the power cannot be on

1. Slide the rack, loading (White) toward the arrow direction by using a minus screwdriver to release the lock.
2. Manually open the tray.

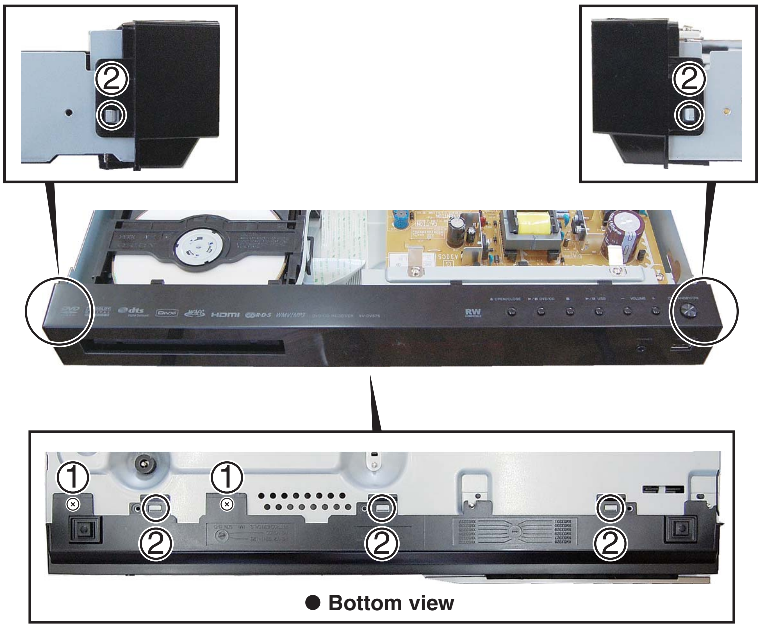
NOTE:
Please strongly pushing rack, loading (White) to release the lock because the tray doesn't go out easily.

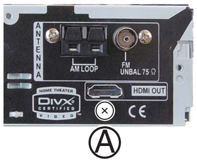


● **Bottom view**

2 Front Panel Section

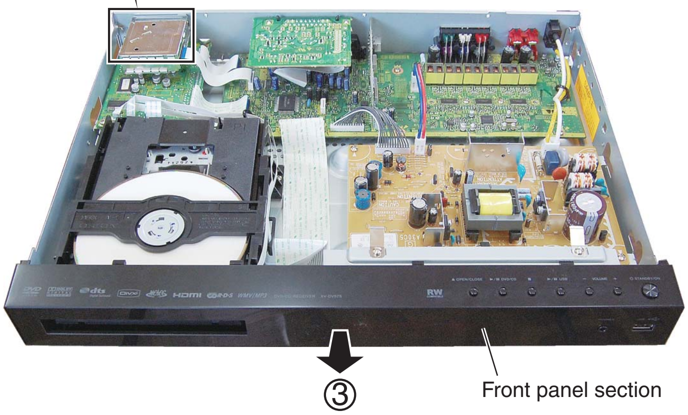
① Remove the two screws.
② Unhook the five hooks.


②
②
①
①
②
②
②
● Bottom view


ANTENNA
AM LOOP
FM UNBAL 75 Ω
HDMI OUT
DivX
Ⓐ

Note Ⓐ: Do not use an electric screwdriver.
If the screws are over-tightened, the screw threads may be damaged.

③ Remove the front panel section.


③
Front panel section

3 DVD MECHA Assy

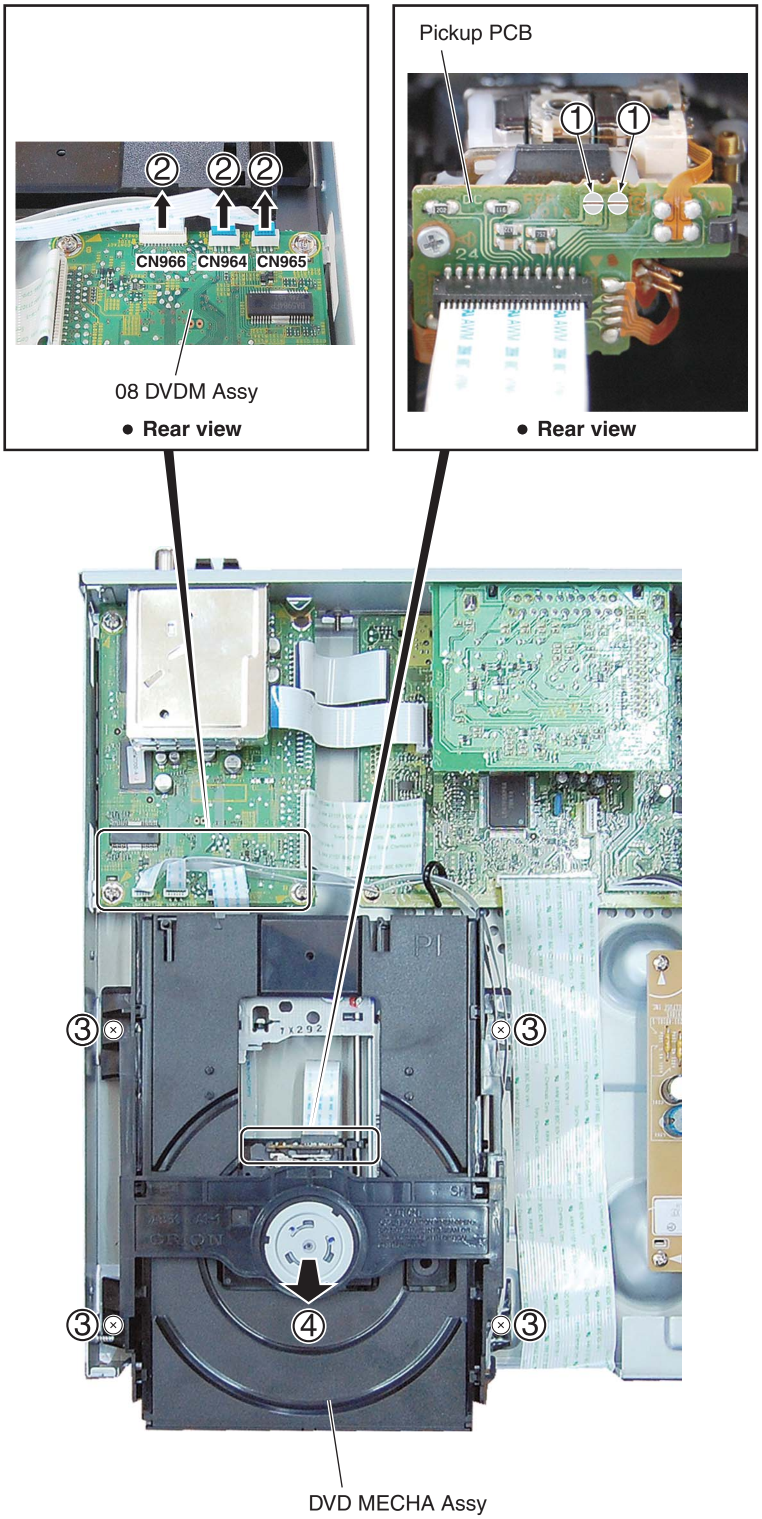
① Short-circuit two positions soldering.

Note: After replacement, connect the flexible cable, then remove the soldered joint (open).

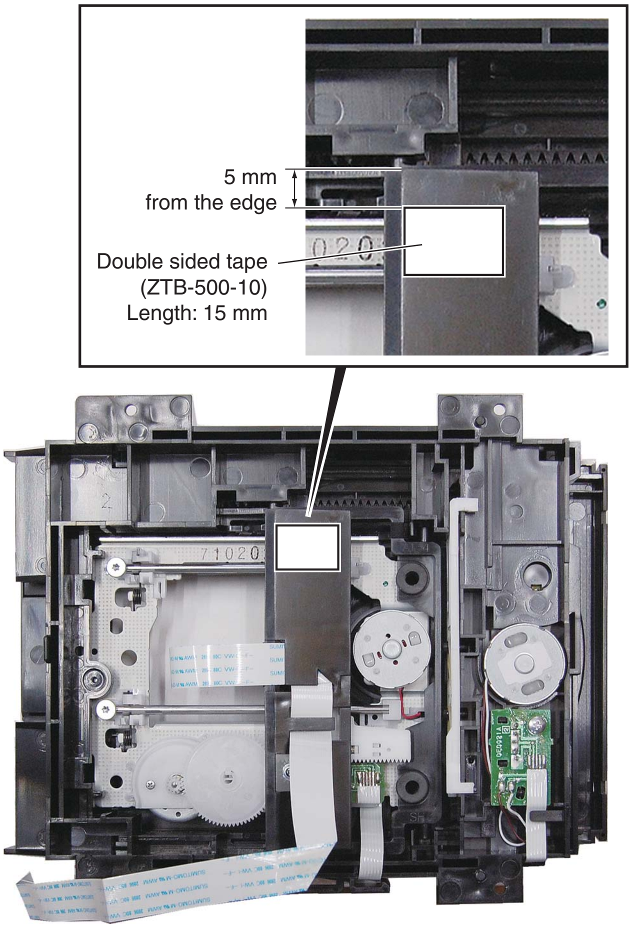
② Disconnect the three flexible cables.

③ Remove the four screws.

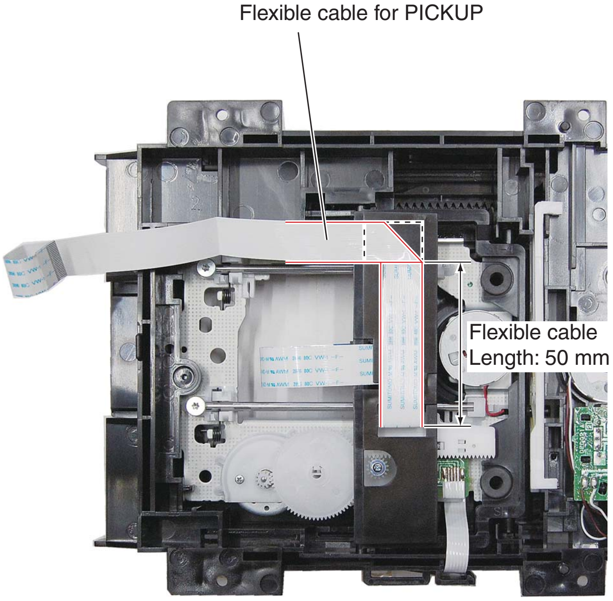
④ Remove the DVD MECHA Assy.


②
②
②
CN966
CN964
CN965
08 DVDM Assy
● Rear view
Pickup PCB
①
①
● Rear view
③
③
③
③
④
DVD MECHA Assy

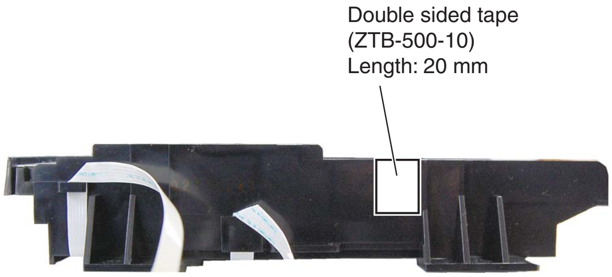
Arrangement of The Flexible Cables


5 mm
from the edge
Double sided tape
(ZTB-500-10)
Length: 15 mm

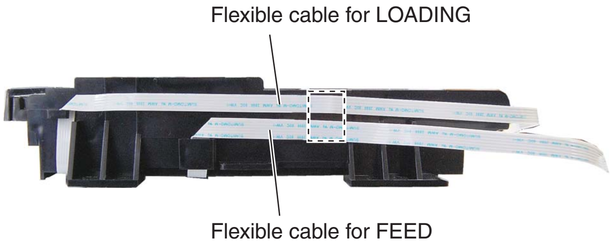
- **Bottom view**


Flexible cable for PICKUP
Flexible cable
Length: 50 mm

- **Bottom view**


Double sided tape
(ZTB-500-10)
Length: 20 mm

- **Right view**


Flexible cable for LOADING
Flexible cable for FEED

- **Right view**

Removal of DVD MECHA Assy Parts

NOTE

Disassemble only the DVD MECHA Assy parts listed here. Minute adjustments are needed if the disassembly is done. If the repair is needed except listed parts, replace the DVD MECHA Assy.

1: TRAY (Refer to Fig. 1-A)

1. Set the Tray opened. (Refer to the **DISC REMOVAL METHOD AT NO POWER SUPPLY**)
2. Unlock the 2 supports ① and draw it while sagging the Tray.

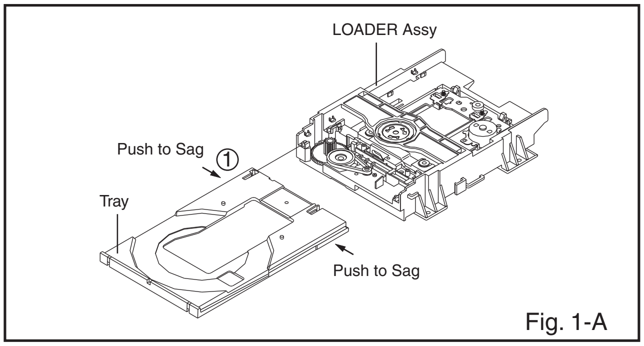

LOADER Assy
Push to Sag
①
Tray
Push to Sag

Fig. 1-A

NOTE

1. In case of the Tray installation, install them as the circled section of Fig. 1-B so that the each markers are met.

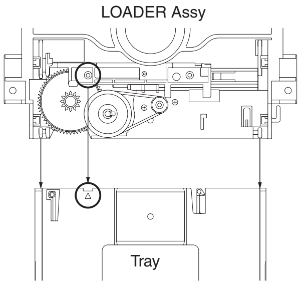
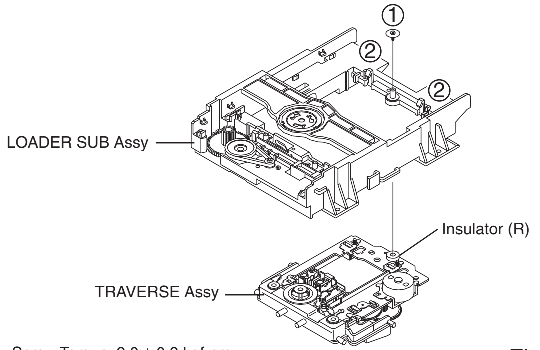

LOADER Assy
Tray

Fig. 1-B

2: TRAVERSE ASSY (Refer to Fig. 2-A)

1. Remove the screw ①.
2. Unlock the 2 supports ②.
3. Remove the Insulator (R) from the LOADER SUB Assy.
4. Remove the TRAVERSE Assy.


①
②
②
LOADER SUB Assy
Insulator (R)
TRAVERSE Assy

• Screw Torque: 2.0 ± 0.3 kgf•cm

Fig. 2-A

NOTE

1. In case of the TRAVERSE Assy, install it from (1) to (4) in order. **(Refer to Fig. 2-B)**
2. In case of the TRAVERSE Assy installation, hook the wire on the LOADER Assy as shown Fig. 2-C.

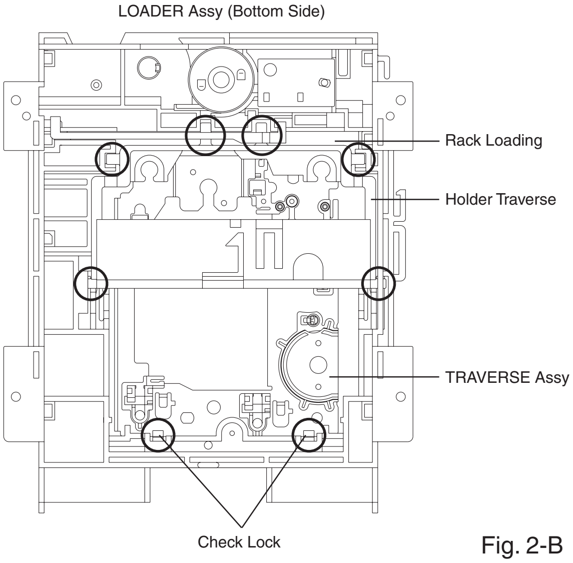

LOADER Assy (Bottom Side)
Rack Loading
Holder Traverse
TRAVERSE Assy
Check Lock

Fig. 2-B

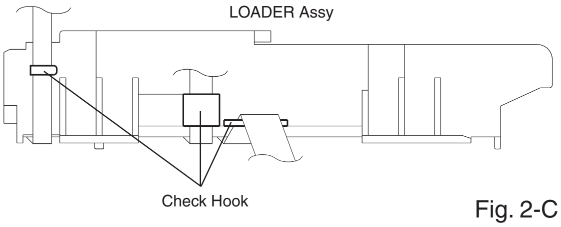
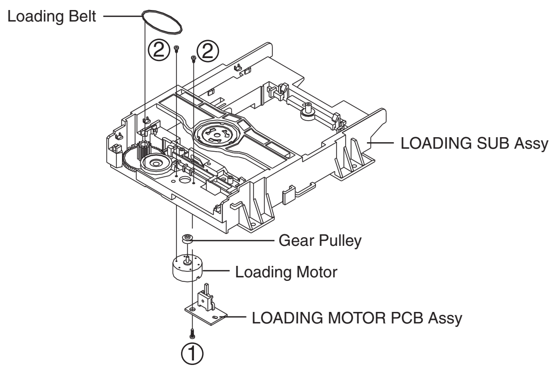

LOADER Assy
Check Hook

Fig. 2-C

3: LOADING MOTOR PCB Assy / LOADING BELT (Refer to Fig. 3-A)

1. Remove the Loading Belt.
2. Remove the screw ①.
3. Remove the LOADING MOTOR PCB Assy.
4. Remove the 2 screws ②.
5. Remove the Loading Motor.
6. Remove the Gear Pulley.


Loading Belt
②
②
LOADING SUB Assy
Gear Pulley
Loading Motor
LOADING MOTOR PCB Assy
①

• Screw Torque: 2.5 ± 0.3 kgf•cm (Screw ①)
• Screw Torque: 1.0 ± 0.3 kgf•cm (Screw ②)

Fig. 3-A

NOTE

1. In case of the Pulley Motor installation, check if the value of the Fig. 3-B is correct.
2. When installing the wire of the LOADING MOTOR PCB Assy, install it correctly as Fig. 3-C.
   Manual soldering conditions
   - Soldering temperature: 320 ± 20 °C
   - Soldering time: Within 3 seconds
   - Soldering combination: Sn - 3.0 Ag - 0.5 Cu
3. When installing the LOADING MOTOR PCB Assy, install itcorrectly as Fig. 3-D.
4. In case of the LOADING MOTOR PCB Assy installation, hook the wire on the LOADER SUB Assy as shown Fig. 3-E.

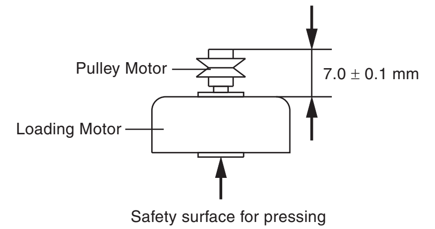

Pulley Motor
7.0 ± 0.1 mm
Loading Motor
Safety surface for pressing
of the insert.

Fig. 3-B

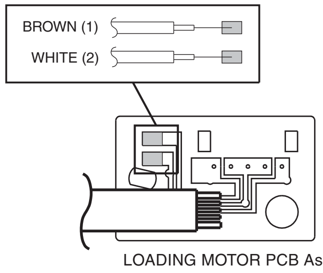

BROWN (1)
WHITE (2)
LOADING MOTOR PCB Assy

Fig. 3-C

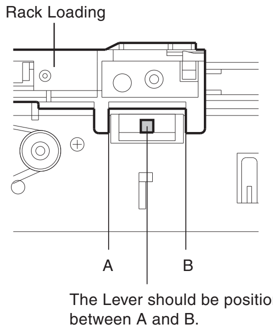

Rack Loading
A
B
The Lever should be position
between A and B.

Fig. 3-D

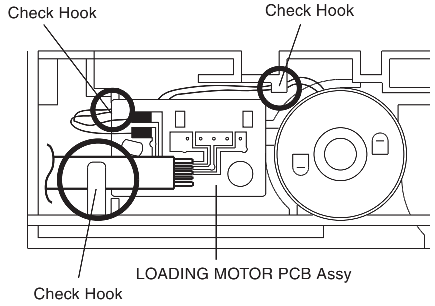

Check Hook
Check Hook
LOADING MOTOR PCB Assy
Check Hook

Fig. 3-E

4: RACK LOADING / MAIN GEAR / PULLEY GEAR (Refer to Fig. 4-A)

1. Unlock the support ② and remove the Gear Pulley.
2. Remove the Gear Main.
3. Press down the catcher ① and slide the Rack Loading.

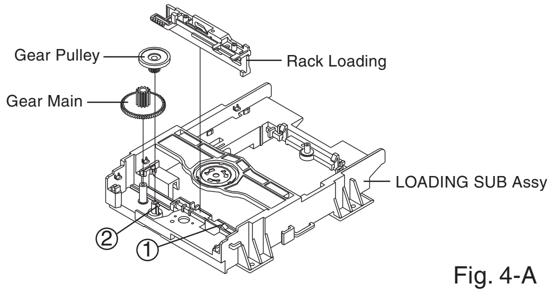

Gear Pulley
Rack Loading
Gear Main
LOADING SUB Assy
②
①

Fig. 4-A

NOTE

1. In case of the Rack Loading installation, hook the Rack Loading on the LOADER SUB Assy as shown Fig. 4-B.
2. When installing the Gear Main, take care the direction of up or down as shown Fig. 4-C.

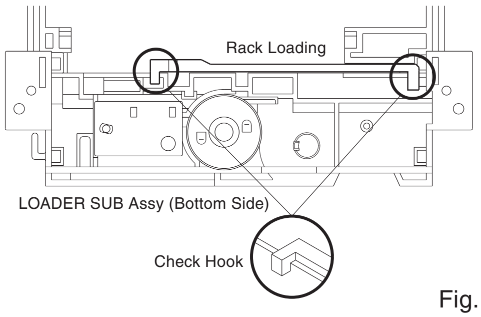

Rack Loading
LOADER SUB Assy (Bottom Side)
Check Hook

Fig. 4-B

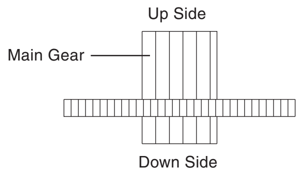

Up Side
Main Gear
Down Side

Fig. 4-C

5: CLAMPER ASSY (Refer to Fig. 5-A)

1. Press the Clamper and rotate the Plate Clamper clockwise, then unlock the 3 supports ①.
2. Remove the Plate Clamper, Magnet Clamper and Clamper.

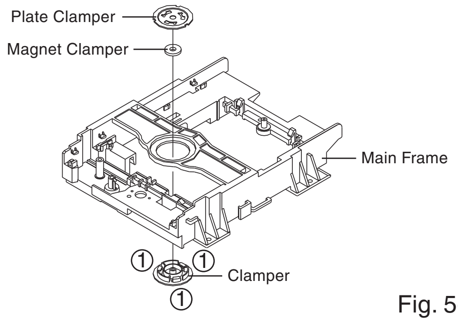


Plate Clamper
Magnet Clamper
Main Frame
①
①
①
Clamper

Fig. 5-A

NOTE

1. In case of the Clamper Assy installation, install correctly as Fig. 5-B.

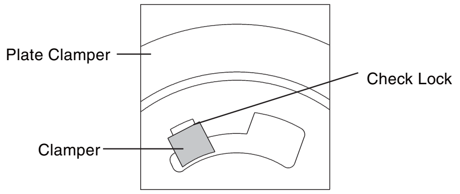


Plate Clamper
Check Lock
Clamper

Fig. 5-B

6: HOLDER TRAVERSE/INSULATOR (F)/INSULATOR (R) (Refer to Fig. 6-A)

1. Remove the Holder Traverse.
2. Remove the 2 Insulator (F).
3. Remove the Insulator (R).

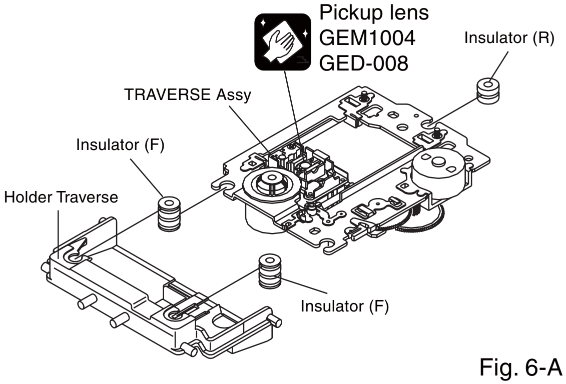

Pickup lens
GEM1004
GED-008
Insulator (R)
TRAVERSE Assy
Insulator (F)
Holder Traverse
Insulator (F)

Fig. 6-A

NOTE

1. In case of the Insulator (F) installation, install correctly as Fig. 6-B.

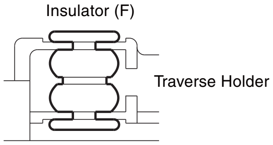
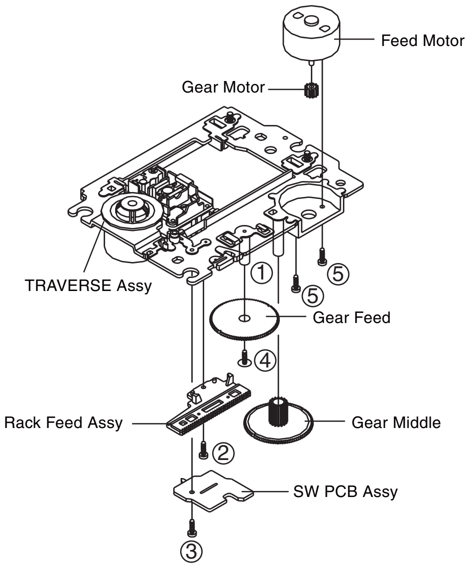

Insulator (F)
Traverse Holder

Fig. 6-B

7: SW PCB ASSY/GEAR MIDDLE/GEAR FEED/ RACK FEED ASSY/FEED MOTOR (Refer to Fig. 7-A)

1. Unlock the support ①.
2. Remove the Gear Middle.
3. Remove the screw ②.
4. Remove the Rack Feed Assy.
5. Remove the screw ③.
6. Remove the SW PCB Assy.
7. Remove the screw ④.
8. Remove the Gear Feed.
9. Remove the 2 screws ⑤.
10. Remove the Feed Motor.
11. Remove the Gear Motor.


Feed Motor
Gear Motor
TRAVERSE Assy
①
⑤
⑤
Gear Feed
④
Rack Feed Assy
Gear Middle
②
SW PCB Assy
③

- Screw Torque: 1.3 ± 0.3 kgf•cm (Screw ②)
- Screw Torque: 3.0 ± 0.3 kgf•cm (Screw ③)
- Screw Torque: 1.0 ± 0.3 kgf•cm (Screw ④, ⑤)

Fig. 7-A

NOTE

1. When installing the Rack Feed Assy, push both ends to align the teeth as shown Fig. 7-B. Then install it.
2. In case of the Gear Motor installation, check if the value of the Fig. 7-C is correct.
3. When installing the wire of the SW PCB Assy, install it correctly as Fig. 7-D.
   Manual soldering conditions
   - Soldering temperature: 320 ± 20 °C
   - Soldering time: Within 3 seconds
   - Soldering combination: Sn - 3.0 Ag - 0.5 Cu
4. After the assembly of the TRAVERSE Assy, hook the wire on the TRAVERSE Assy as shown Fig. 7-E.

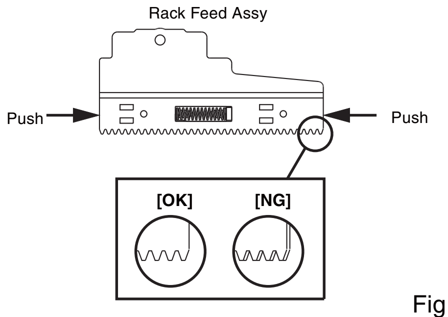
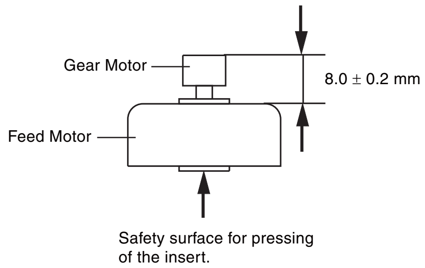

Rack Feed Assy
Push
Push
[OK]
[NG]

Fig. 7-B


Gear Motor
8.0 ± 0.2 mm
Feed Motor

Safety surface for pressing of the insert.

Fig. 7-C

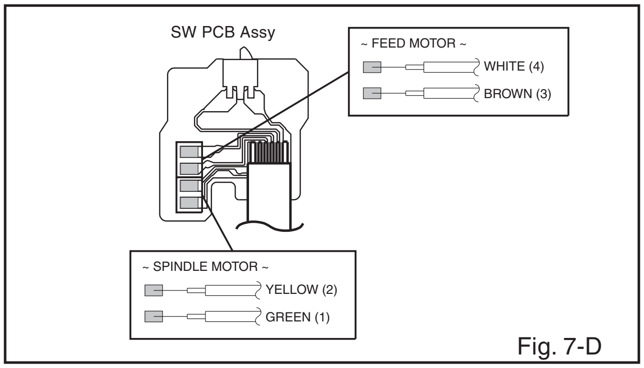
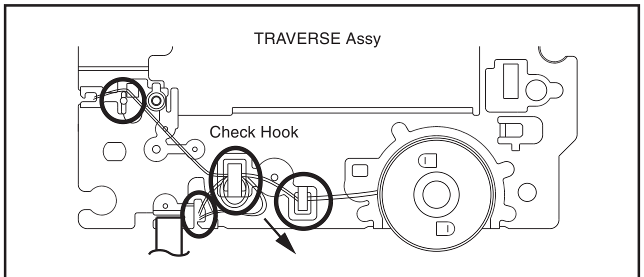

SW PCB Assy
~ FEED MOTOR ~
WHITE (4)
BROWN (3)
~ SPINDLE MOTOR ~
YELLOW (2)
GREEN (1)

Fig. 7-D


TRAVERSE Assy
Check Hook

• Loosen the wire in the direcion of the arrow.

Fig. 7-E

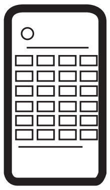
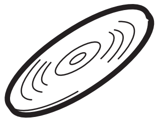
8. EACH SETTING AND ADJUSTMENT

8.1 ID NUMBER AND ID DATA SETTING

Caution:
For the DVD players compatible with DVD-RW, for playback of a DVD-RW disc (CPRM) and for the DVD players possessing HDMI output, for HDCP process, it is necessary that an individual ID number and ID data are set for each player. If the ID number and ID data be not properly set in the manner described below, future operations cannot be guaranteed. The ID number is written on the yellow label at the rear panel of the player.
If there is no yellow label, before downloading FLASH ROM, take note of the ID number set following the procedures outlined in "ID Number Confirmation Mode" on the next page.
Note: Enter ID numbers while the unit is in Stop mode so that the values set will be immediately written to the flash ROM.

Setting an ID number or ID data is required in the following case:
If "No NUM" or "NO DATA" is displayed on the FL display for a few seconds immediately after the power to the player is turned on or during Stop mode.

JIGS AND MEASURING INSTRUMENTS

 Service Remote Control Unit [GGF1381]	 DVD Data Disc [GGV1309]

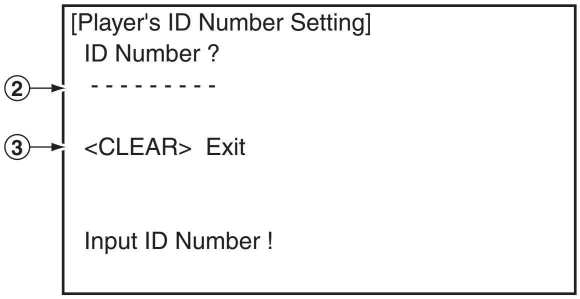
■ ID Number Input Mode

① To enter ID Number Input Mode, with no ID number set, such as in a case of immediately after upgrading the firmware, press the ESC key then the STEREO key.

Note: If a previous ID number and ID data, such as a factory-preset ID number and ID data, are maintained, the unit enters ID Number Confirmation Mode when the above keys are pressed. However, if only an ID number is maintained, the unit enters ID Data Input Mode.

② Enter a 9-digit ID number. The ID number is also displayed on the FL display.

③ By pressing the CLEAR key without having input a number, you can exit this mode. Each press of this key after a number has been input deletes one digit.

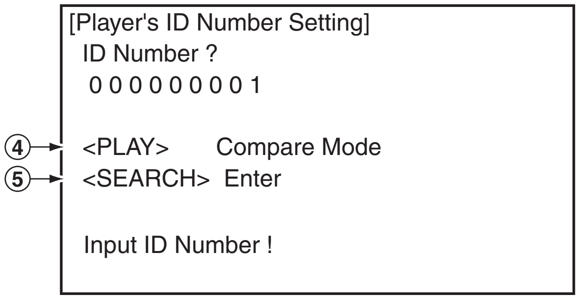


```
[Player's ID Number Setting]
  ID Number ?
   - - - - - - - - -

  <CLEAR>  Exit


  Input ID Number !
```

④ After entering all 9 digits, if you press the PLAY key, the unit enters Compare mode. Enter the same ID number again. Only if your two input numbers match, the ID number is set. Compare mode helps eliminate mistyping of the ID number.

Note: If you press the PLAY button before inputting a 9-digit ID number, the unit returns to Step ② without doing anything else.

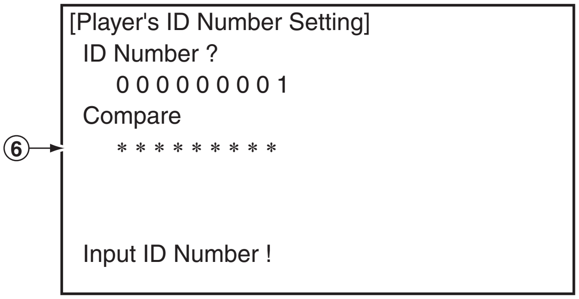
⑤ After entering all 9 digits, if you press the SEARCH key, the unit unconditionally sets the input number as the ID number. Then the unit automatically enters Player's Data Input Mode. (The SEARCH key is not accepted after all 9 digits have been entered.)



```
[Player's ID Number Setting]
  ID Number ?
   0 0 0 0 0 0 0 0 1

  <PLAY>      Compare Mode
  <SEARCH>  Enter


  Input ID Number !
```

⑥ This display appears when the PLAY key is pressed in Step ④. Enter a 9-digit number to compare. The number is also displayed on the FL display.

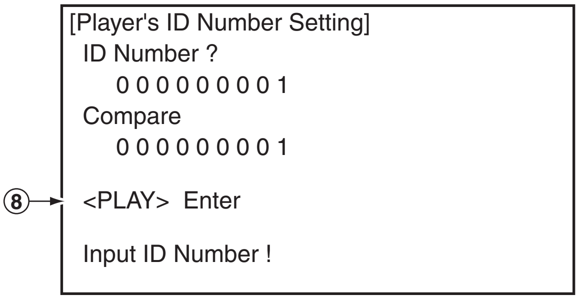
⑦ By pressing the CLEAR key without having input a number, the unit returns to Step ② without doing anything else. Each press of this key after a number has been input deletes one digit.



```
[Player's ID Number Setting]
  ID Number ?
     0 0 0 0 0 0 0 0 1
  Compare
     * * * * * * * * *



  Input ID Number !
```

⑧ After entering all 9 digits, if you press the PLAY key, the unit compares the numbers input in Steps ② and ⑥, and only if the numbers match, that number is set as the ID. Then the unit automatically enters ID DATA Input Mode. If the numbers do not match, the disc tray is opened, and the unit exits ID Number Input Mode.

Note: If you press the PLAY button before inputting a 9-digit ID number, the unit returns to Step ⑥ without doing anything else.



```
[Player's ID Number Setting]
  ID Number ?
     0 0 0 0 0 0 0 0 1
  Compare
     0 0 0 0 0 0 0 0 1

  <PLAY>  Enter

  Input ID Number !
```

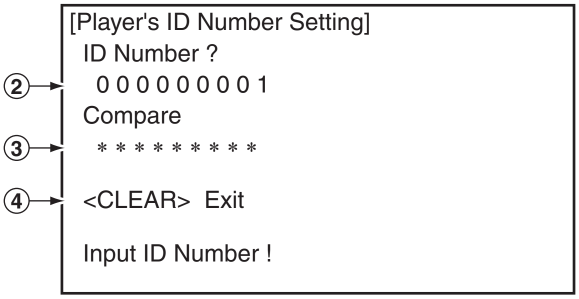
ID Number Confirmation Mode

① To enter ID Number Confirmation Mode after the ID number and the ID data are set, press the ESC key then the STEREO key.

② The ID number already set is displayed. (It is also displayed on the FL display.)

③ Enter a 9-digit number for comparison. This is not required when you only wish to check the ID number visually. (The number is also displayed on the FL display.)

④ By pressing the CLEAR key without having input a number, you can exit this mode. Each press of this key after a number has been input deletes one digit.

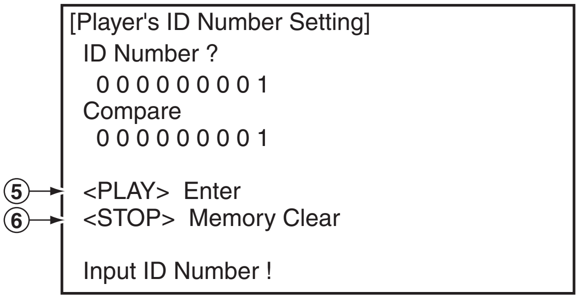


```
[Player's ID Number Setting]
  ID Number ?
    0 0 0 0 0 0 0 0 1
  Compare
    * * * * * * * * *

  <CLEAR>  Exit

  Input ID Number !
```

⑤ After entering all 9 digits, if you press the PLAY key, the unit compares the number entered in Step ② with the ID number set, and only if the numbers match, the unit automatically exits ID Number Confirmation Mode. If an ID data has not been entered, the unit enters ID DATA Input Mode. If the numbers do not match, the disc tray is opened, and the unit exits ID Number Confirmation Mode.

Note: If you press the PLAY button before inputting a 9-digit ID number, the unit returns to Step ④ without doing anything else.

⑥ After entering all 9 digits, if you press the STOP key, the unit compares the number entered in Step ③ with the ID number set, and only if the numbers match, the unit automatically deletes the ID number and exits this mode. If the numbers do not match, the disc tray is opened, and the unit exits this mode. (The STOP key is not accepted after all 9 digits have been entered.)



```
[Player's ID Number Setting]
  ID Number ?
    0 0 0 0 0 0 0 0 1
  Compare
    0 0 0 0 0 0 0 0 1

  <PLAY>  Enter
  <STOP>  Memory Clear

  Input ID Number !
```

• Indication of an ID number already set

An ID number already set is displayed in the following cases:

1) When the ESC key then the CLEAR key are pressed, user settings are cleared, then the ID number set is displayed on the screen. In this case, the ID number is not displayed on the FL display.
2) When the unit enters ID Number Confirmation Mode by your pressing the ESC key then the CLEAR key, the ID number set is displayed. In this case, the ID number is also displayed on the FL display.
   If you only need to confirm the ID number, you can exit this mode by pressing the CLEAR key or turning off the power.

• Indication when no ID number is set

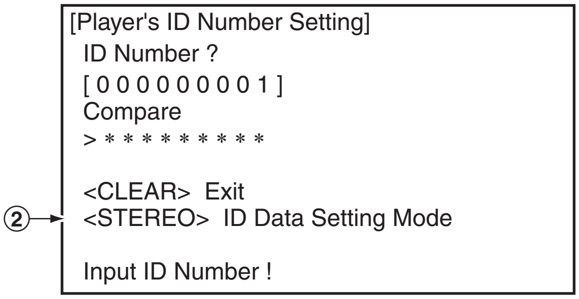
If no ID number is set, the message "No NUM" flashes on the screen and FL display for a few seconds after the power is turned on or during Stop mode.

ID DATA Input Mode

NOTE: Be sure to use a specified DVD (ID) DATA DISC.

① To enter ID DATA Input Mode, with the ID number set, press the ESC key then the STEREO key.

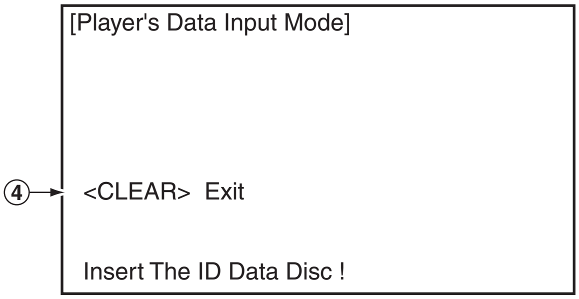
② When the STEREO key is pressed, the unit enters ID DATA Input Mode.



```
[Player's ID Number Setting]
  ID Number ?
  [ 0 0 0 0 0 0 0 0 1 ]
  Compare
  > * * * * * * * * *

  <CLEAR>  Exit
  <STEREO>  ID Data Setting Mode

  Input ID Number !
```

③ If the DVD DATA DISC is loaded in this mode, the unit automatically starts reading the data.
(If the DVD DATA DISC has already been loaded, the unit does not start reading the data. In this case, open then close the tray.)

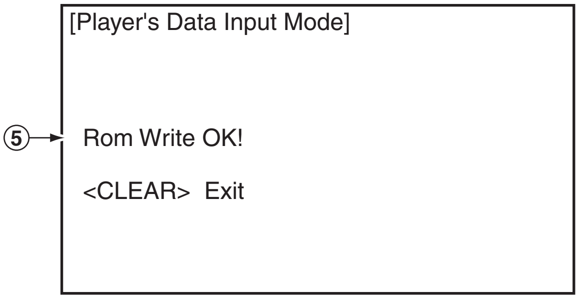
④ To exit this mode, press the CLEAR key. While data are being read from the DVD DATA DISC, you cannot exit this mode.



```
[Player's Data Input Mode]



  <CLEAR>  Exit


  Insert The ID Data Disc !
```

⑤ When writing of the data read from the disc to flash ROM is completed, "Rom Write OK!" is displayed. After seeing this message, you can exit this mode by pressing the CLEAR key.

Note: Whether or not the data have been written to flash ROM can be confirmed by watching for the message "Rom Write OK!" being displayed after the disc is read.



```
[Player's Data Input Mode]


  Rom Write OK!

  <CLEAR>  Exit
```

⑥ If the data cannot be read from the disc, the unit will be exited ID Data Input Mode and proceed to the display of “**Pioneer**” logo.

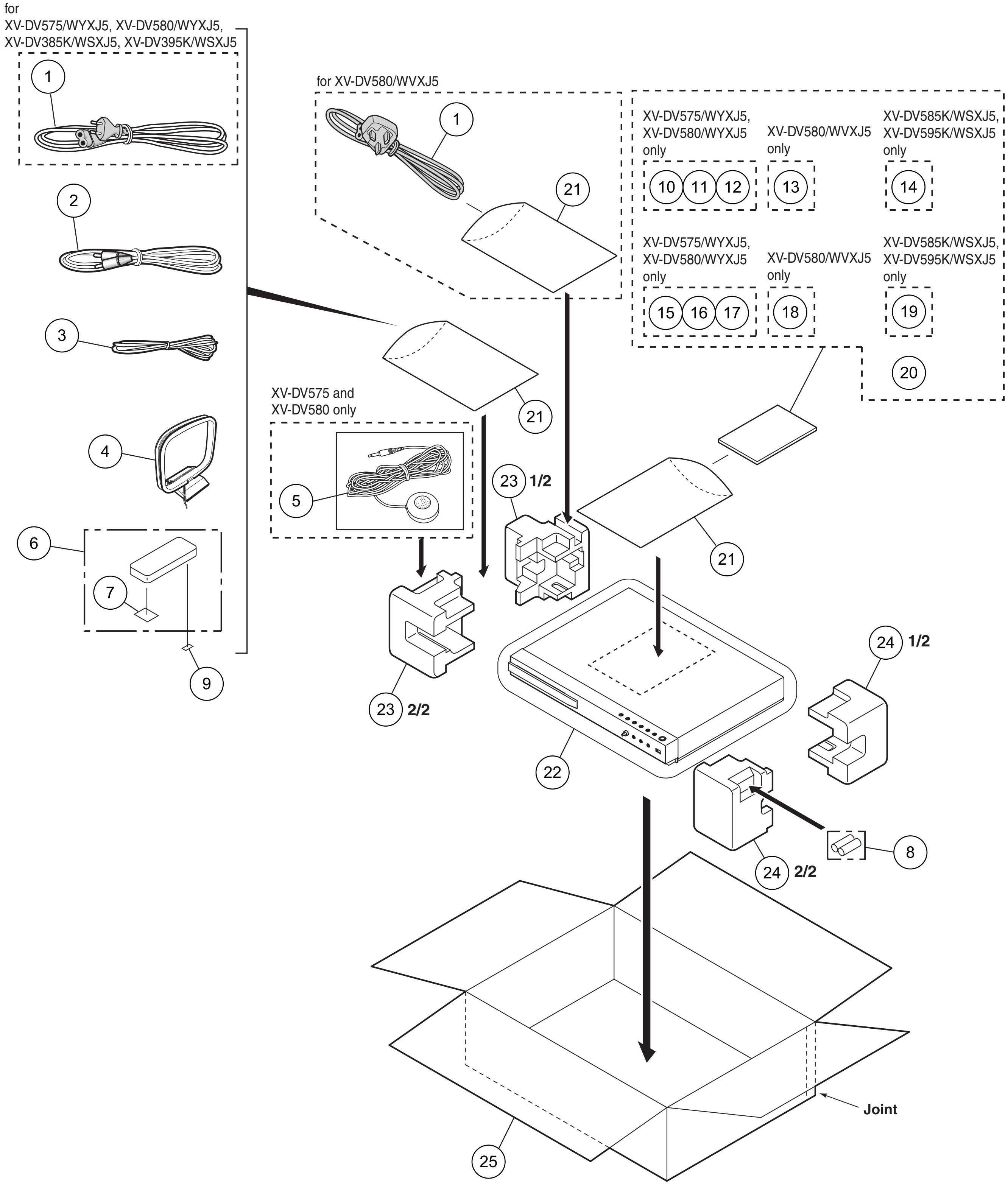
• Indication when the data have not been set

If no ID data are set after the ID number is changed, the message "NO DATA" flashes on the screen and FL display for a few seconds after the power is turned on or during Stop mode.

9. EXPLODED VIEWS AND PARTS LIST

NOTES:
- *Parts marked by "NSP" are generally unavailable because they are not in our Master Spare Parts List.*
- *The ⚠ mark found on some component parts indicates the importance of the safety factor of the part. Therefore, when replacing, be sure to use parts of identical designation.*
- *Screws adjacent to ▼ mark on product are used for disassembly.*
- *For the applying amount of lubricants or glue, follow the instructions in this manual. (In the case of no amount instructions, apply as you think it appropriate.)*

9.1 PACKING SECTION


for
XV-DV575/WYXJ5, XV-DV580/WYXJ5,
XV-DV385K/WSXJ5, XV-DV395K/WSXJ5
1
2
3
4
6
7
9
for XV-DV580/WVXJ5
1
21
XV-DV575/WYXJ5,
XV-DV580/WYXJ5
only
10 11 12
XV-DV580/WVXJ5
only
13
XV-DV585K/WSXJ5,
XV-DV595K/WSXJ5
only
14
XV-DV575/WYXJ5,
XV-DV580/WYXJ5
only
15 16 17
XV-DV580/WVXJ5
only
18
XV-DV585K/WSXJ5,
XV-DV595K/WSXJ5
only
19
20
21
XV-DV575 and
XV-DV580 only
5
23 1/2
21
23 2/2
24 1/2
22
8
24 2/2
Joint
25

(1) PACKING SECTION PARTS LIST

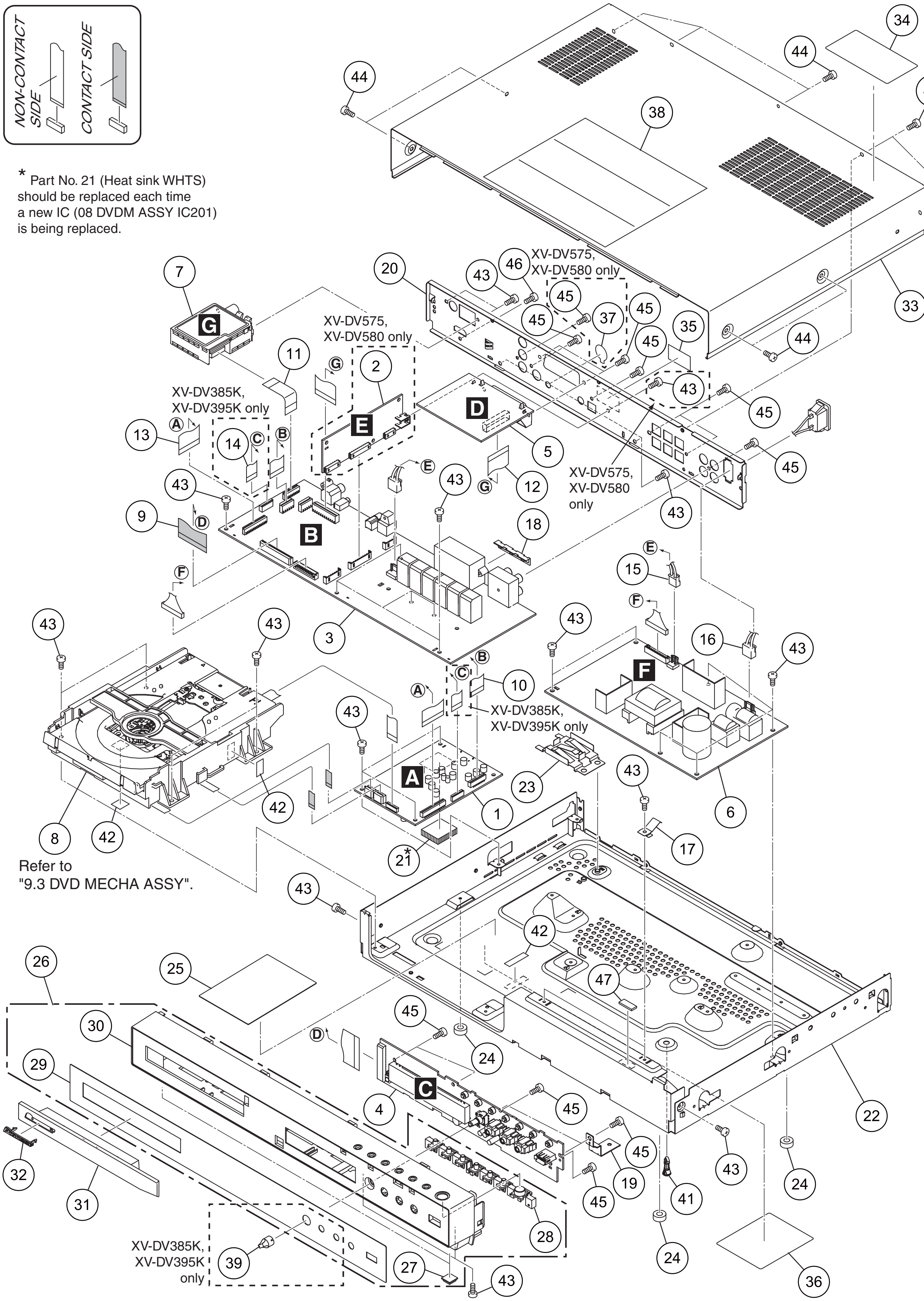
Mark	No.	Description	Part No.
⚠	1	Power Cord	See Contrast table (2)
	2	Video Cable	XDE3046
	3	FM Antenna	ADH7030
	4	AM Loop Antenna	ATB7013
	5	Microphone (for Audio MCACC setup)	See Contrast table (2)
	6	Remote Control	See Contrast table (2)
	7	Battery Cover	AZN8018
NSP	8	Dry Cell Battery (AA/R6)	XEX3002
	9	Label (WEEE)	ARW7322
	10	Operating Instructions (English, French)	See Contrast table (2)
	11	Operating Instructions (German, Italian)	See Contrast table (2)
	12	Operating Instructions (Dutch, Spanish)	See Contrast table (2)
	13	Operating Instructions (English)	See Contrast table (2)
	14	Operating Instructions (Russian)	See Contrast table (2)
	15	Setup Guide (English, French)	See Contrast table (2)
	16	Setup Guide (German, Italian)	See Contrast table (2)
	17	Setup Guide (Dutch, Spanish)	See Contrast table (2)
	18	Setup Guide (English)	See Contrast table (2)
	19	Setup Guide (Russian)	See Contrast table (2)
NSP	20	Warranty Card EU	ARY7111
NSP	21	Polyethylene Bag (0.06 x 230 x 340)	AHG7117
	22	Packing Sheet	AHG7053
	23	Pad L WHTS	XHA3177
	24	Pad R WHTS	XHA3178
	25	Packing Case	See Contrast table (2)

(2) CONTRAST TABLE

XV-DV575/WYXJ5, XV-DV580/WYXJ5, WVXJ5, XV-DV385K/WSXJ5 and XV-DV395K/WSXJ5 are constructed the same except for the following:

Mark	No.	Symbol and Description	XV-DV575 /WYXJ5	XV-DV580 /WYXJ5	XV-DV580 /WVXJ5	XV-DV385K /WSXJ5	XV-DV395K /WSXJ5
⚠	1	Power Cord	ADG1127	ADG1127	ADG7108	ADG1127	ADG1127
	5	Microphone (for Audio MCACC setup)	APM7008	APM7008	APM7008	Not used	Not used
	6	Remote Control	XXD3159	XXD3159	XXD3159	XXD3156	XXD3156
	10	Operating Instructions (English, French)	XRE3182	XRE3182	Not used	Not used	Not used
	11	Operating Instructions (German, Italian)	XRC3335	XRC3335	Not used	Not used	Not used
	12	Operating Instructions (Dutch, Spanish)	XRC3336	XRC3336	Not used	Not used	Not used
	13	Operating Instructions (English)	Not used	Not used	XRB3094	Not used	Not used
	14	Operating Instructions (Russian)	Not used	Not used	Not used	XRC3333	XRC3333
	15	Setup Guide (English, English)	XRE3181	XRE3178	Not used	Not used	Not used
	16	Setup Guide (German, Italian)	XRC3334	XRC3346	Not used	Not used	Not used
	17	Setup Guide (Dutch, Spanish)	XRC3344	XRC3349	Not used	Not used	Not used
	18	Setup Guide (English)	Not used	Not used	XRB3099	Not used	Not used
	19	Setup Guide (Russian)	Not used	Not used	Not used	XRC3343	XRC3345
	25	Packing Case	XHD3789	XHD3821	XHD3821	XHD3787	XHD3788

9.2 EXTERIOR SECTION


NON-CONTACT SIDE
CONTACT SIDE
A
B
C
D
E
F
G
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
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26
27
28
29
30
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38
39
41
42
43
44
45
46
47

* Part No. 21 (Heat sink WHTS) should be replaced each time a new IC (08 DVDM ASSY IC201) is being replaced.

XV-DV575, XV-DV580 only

XV-DV575, XV-DV580 only

XV-DV385K, XV-DV395K only

XV-DV575, XV-DV580 only

XV-DV385K, XV-DV395K only

Refer to "9.3 DVD MECHA ASSY".

XV-DV385K, XV-DV395K only

(1) EXTERIOR SECTION PARTS LIST

Mark	No.	Description	Part No.
	1	08 DVDM Assy	See Contrast table (2)
	2	DSP Assy	See Contrast table (2)
	3	SYSMAIN Assy	See Contrast table (2)
	4	COMPLEX Assy	See Contrast table (2)
	5	EUROSCART Assy	AWU8291
⚠	6	POWER SUPPLY Unit	XWR3018
	7	FM/AM TUNER Unit	AXX7248
	8	DVD MECHA Assy	A2ZX01A650
	9	FFC/60V (J1904)	See Contrast table (2)
	10	17P FFC/60V (J1905)	XDD3263
	11	11P FFC/60V (J1908)	XDD3266
	12	23P FFC/60V (J1909)	XDD3267
	13	27P FFC/60V (J1907)	XDD3290
	14	13P FFC/60V (J1906)	See Contrast table (2)
	15	Cable Assy (J1901)	XDX3067
⚠	16	Cable Assy (J1903)	XDX3068
	17	Earth Spring W5.1	ABH7240
	18	GND Plate W5.1	ABH7241
	19	Ground Plate WHTS	XBH3018
	20	Rear Panel WHTS	See Contrast table (2)
	21	Heatsink WHTS	XNH3049
NSP	22	Chassis WHTS	XNA3061
	23	Radiation Plate	XNG3183
NSP	24	Spacer	AEB7092
NSP	25	Guide Sheet	XAK3603

Mark	No.	Description	Part No.
	26	F/P Assy WHTS	See Contrast table (2)
	27	Rubber Foot	VEB1325
	28	Button WHTS	XAD3264
NSP	29	Display Window WHTS	See Contrast table (2)
NSP	30	Front Panel WHTS	See Contrast table (2)
	31	Tray Panel WHTS	See Contrast table (2)
	32	Pioneer Name Plate	XAM3009
	33	Bonnet WHTS	XZN3201
	34	Laser Caution	VRW2257
NSP	35	ID Label Assy	VXW1012
NSP	36	Name Label WHTS	See Contrast table (2)
	37	Control Label	See Contrast table (2)
NSP	38	POP Getter WHTS	See Contrast table (2)
	39	MIC Knob	See Contrast table (2)
	40	• • • • •	
	41	Locking Card Spacer	AEC7372
NSP	42	Double Sided Tape	• • • • •
	43	Screw	BBZ30P080FNI
	44	Screw	BBZ30P080FTB
	45	Screw	BPZ30P080FNI
	46	Screw	BSZ30P060FTC
NSP	47	Spacer	XEB3115

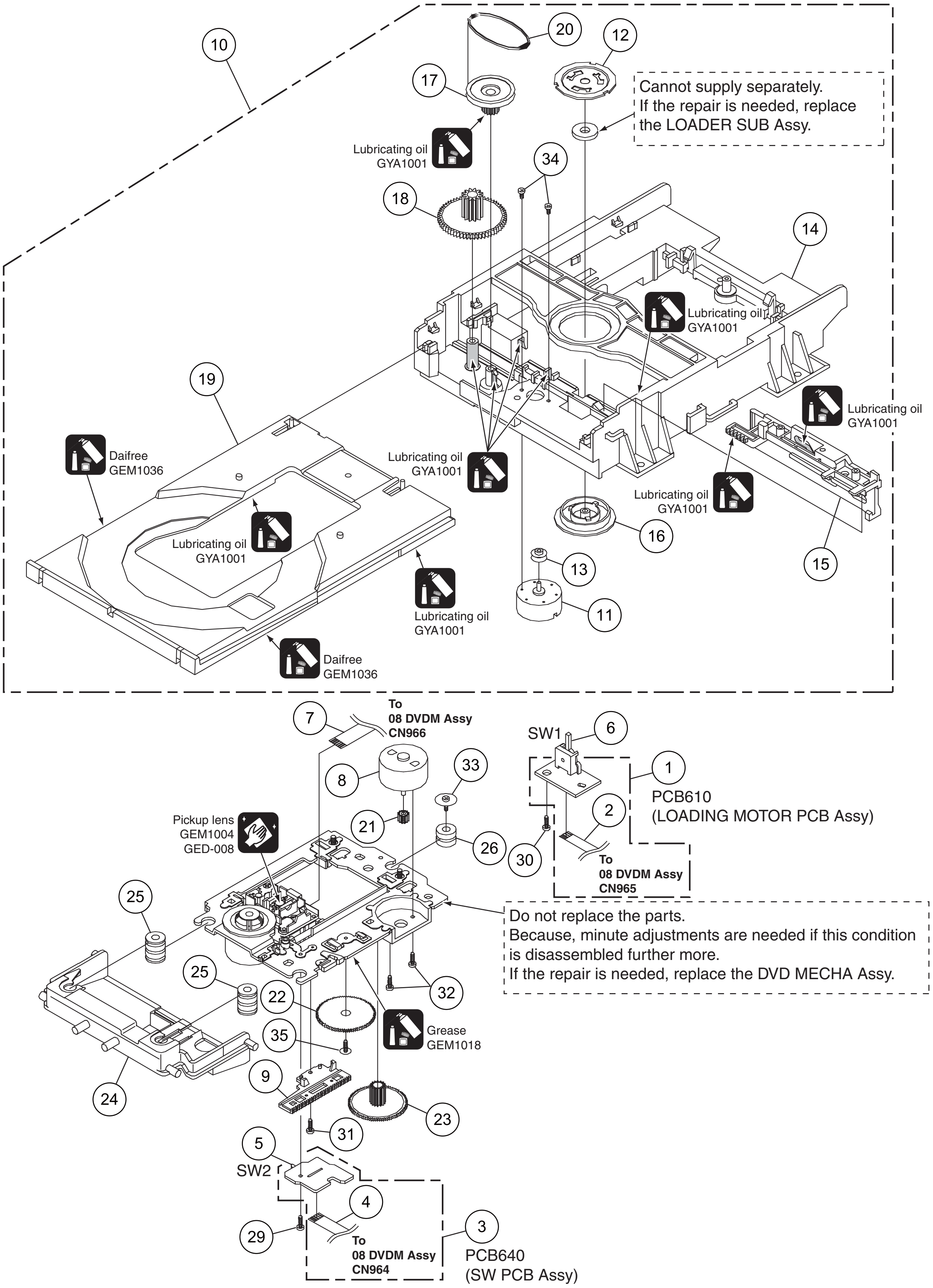
(2) CONTRAST TABLE

XV-DV575/WYXJ5, XV-DV580/WYXJ5, WVXJ5, XV-DV385K/WSXJ5 and XV-DV395K/WSXJ5 are constructed the same except for the following:

Mark	No.	Symbol and Description	XV-DV575 /WYXJ5	XV-DV580 /WYXJ5	XV-DV580 /WVXJ5	XV-DV385K /WSXJ5	XV-DV395K /WSXJ5
	1	08 DVDM Assy	AWM8118	AWM8118	AWM8118	AWM8105	AWM8105
	2	DSP Assy	AWX8706	AWX8706	AWX8706	Not used	Not used
	3	SYSMAIN Assy	XWM3392	XWM3395	XWM3395	XWM3391	XWM3394
	4	COMPLEX Assy	XWM3429	XWM3429	XWM3429	XWM3428	XWM3428
	9	27P FFC/60V (J1904)	XDD3261	XDD3261	XDD3261	Not used	Not used
	9	29P FFC/60V (J1904)	Not used	Not used	Not used	XDD3260	XDD3260
	14	13P FFC/60V (J1906)	Not used	Not used	Not used	XDD3264	XDD3264
	20	Rear Panel WHTS	XNC3572	XNC3574	XNC3574	XNC3564	XNC3571
	26	F/P Assy WHTS	XXG3370	XXG3371	XXG3371	XXG3368	XXG3369
NSP	29	Display Window WHTS	XAK3602	XAK3602	XAK3602	XAK3600	XAK3600
NSP	30	Front Panel WHTS	XMB3328	XMB3329	XMB3329	XMB3326	XMB3327
	31	Tray Panel WHTS	XAK3604	XAK3604	XAK3604	XAK3601	XAK3601
NSP	36	Name Label WHTS	XAL3296	XAL3297	XAL3297	XAL3294	XAL3295
	37	Control Label	XAX3620	XAX3620	XAX3620	Not used	Not used
NSP	38	POP Getter WHTS	XAX3677	XAX3700	XAX3700	XAX3676	XAX3686
	39	MIC Knob	Not used	Not used	Not used	XAA3029	XAA3029

9.3 DVD MECHA ASSY

Note :
Check if the correct grease is applied for each position.



Cannot supply separately.
If the repair is needed, replace the LOADER SUB Assy.

Do not replace the parts.
Because, minute adjustments are needed if this condition is disassembled further more.
If the repair is needed, replace the DVD MECHA Assy.

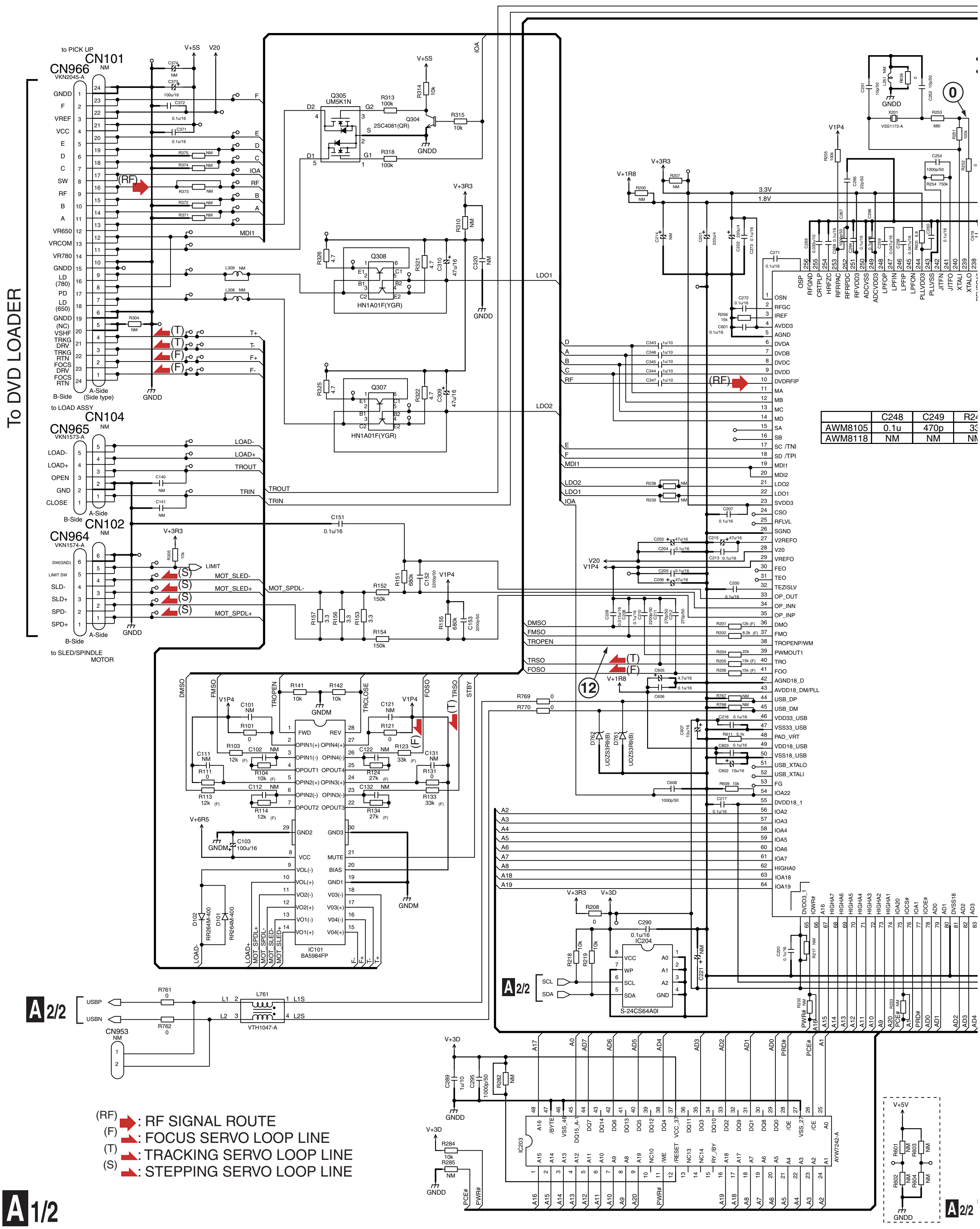
10
20
12
17
Lubricating oil GYA1001
34
18
14
Lubricating oil GYA1001
19
Lubricating oil GYA1001
Daifree GEM1036
Lubricating oil GYA1001
Lubricating oil GYA1001
Lubricating oil GYA1001
16
15
13
Lubricating oil GYA1001
11
Daifree GEM1036
7
To 08 DVDM Assy CN966
SW1
6
1
PCB610 (LOADING MOTOR PCB Assy)
33
8
2
Pickup lens GEM1004 GED-008
21
26
30
To 08 DVDM Assy CN965
25
25
22
32
35
Grease GEM1018
9
24
23
31
5
SW2
4
3
29
To 08 DVDM Assy CN964
PCB640 (SW PCB Assy)

DVD MECHA ASSY PARTS LIST

Mark	No.	Description	Part No.
	1	LOADING MOTOR PCB Assy	A2ZX01A610
	2	Cord Jumper (5P)	12C1053601
	3	SW PCB Assy	A2ZX01A640
	4	Cord Jumper (6P)	12C1063201
	5	Switch (SW2)	0500101036
	6	Switch (SW1)	0515S32003
	7	Cord Jumper (24P)	122F003101
	8	FEED Motor	1515T98006
	9	Feed Rack Assy	92AAA0017A
	10	LOADER SUB Assy	92AAA0024A
	11	LOADING Motor	1515S98004
	12	Plate, Clamper	92P000023A
	13	Pulley, Motor	92P100097A
	14	Frame, Main	92P100119A
	15	Rack, Loading	92P100121A
	16	Clamper	92P100122A
	17	Gear, Pulley	92P100123A
	18	Gear, Main	92P100124A
	19	Tray	92P100151A
	20	Belt, Loading	92P200015A
	21	Gear, Motor	92P100088A
	22	Gear, Feed	92P100116A
	23	Gear, Middle	92P100117A
	24	Holder, Traverse	92P100125A
	25	Insulator (F)	92P200013A
	26	Insulator (R)	92P200016A
	27	• • • • •	
	28	• • • • •	
	29	Screw, Bind (2 x 8)	811022080U
	30	Screw, Tap tite (P)(2.6 x 8)	811022680U
	31	Screw, T-tite (B)(M1.7 x 5.0 P3)	813381750U
	32	Screw, Pan (M1.7 x 2.3 P3)	814011723U
	33	Screw, Tap tite (P)(2 x 8)	816112080U
	34	Screw, Pan (M1.7 x 3 P3)	814011730U
	35	Screw, Gear Feed	92P700007A

10. SCHEMATIC DIAGRAM

10.1 08 DVDM ASSY (1/2)

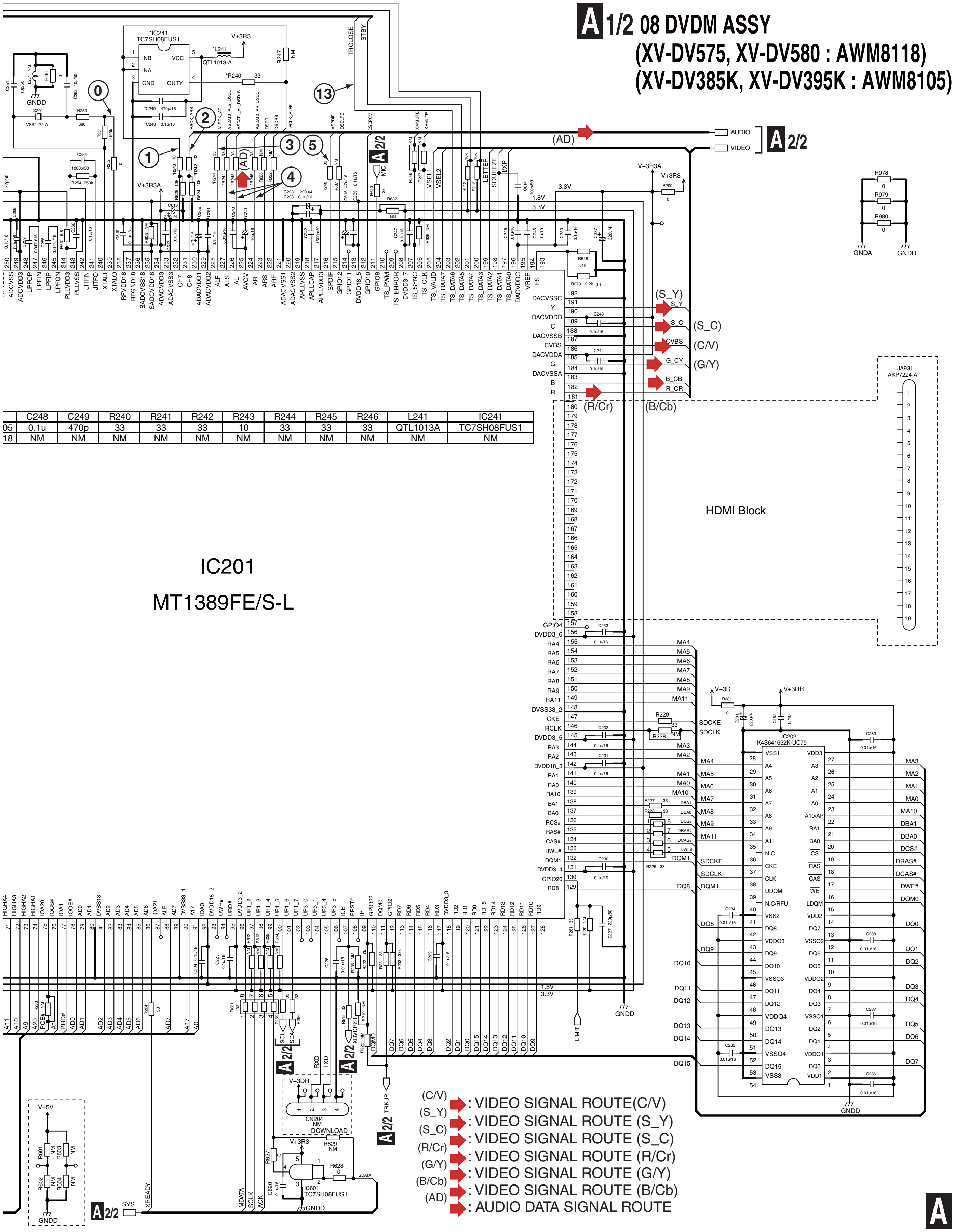


To DVD LOADER
to PICK UP
CN966 VKN2045-A
CN101 NM
GNDD
F
VREF
VCC
E
D
C
SW
RF
B
A
VR650
VRCOM
VR780
LD (780)
PD
LD (650)
(NC)
VSHF
TRKG DRV
TRKG RTN
FOCS DRV
FOCS RTN
B-Side
A-Side (Side type)
to LOAD ASSY
CN965 VKN1573-A
CN104 NM
LOAD-
LOAD+
OPEN
GND
CLOSE
CN964 VKN1574-A
CN102 NM
SW(GND)
LIMIT SW
SLD-
SLD+
SPD-
SPD+
to SLED/SPINDLE MOTOR
LIMIT
MOT_SLED-
MOT_SLED+
MOT_SPDL-
MOT_SPDL+
TROUT
TRIN
Q305 UM5K1N
Q304 2SC4081(QR)
Q308 HN1A01F(YGR)
Q307 HN1A01F(YGR)
IC101 BA5984FP
IC204 S-24CS64A0I
IC203 AYW7242-A
VTH1047-A
CN953 NM
USBP
USBN
A 2/2
V+5S
V20
V+3R3
V+1R8
V1P4
V+6R5
V+3D
V+5V
GNDD
GNDM
LDO1
LDO2
DMSO
FMSO
TROPEN
TRSO
FOSO
3.3V
1.8V
0
12
D762 UDZS3R9(B)
D761 UDZS3R9(B)
D102 RR264M-400
D101 RR264M-400
X201 VSS1172-A
SCL
SDA
A 1/2

	C248	C249	R24
AWM8105	0.1u	470p	33
AWM8118	NM	NM	N

(RF) ➡: RF SIGNAL ROUTE
(F) ➡: FOCUS SERVO LOOP LINE
(T) ➡: TRACKING SERVO LOOP LINE
(S) ➡: STEPPING SERVO LOOP LINE

A 1/2 08 DVDM ASSY
(XV-DV575, XV-DV580 : AWM8118)
(XV-DV385K, XV-DV395K : AWM8105)

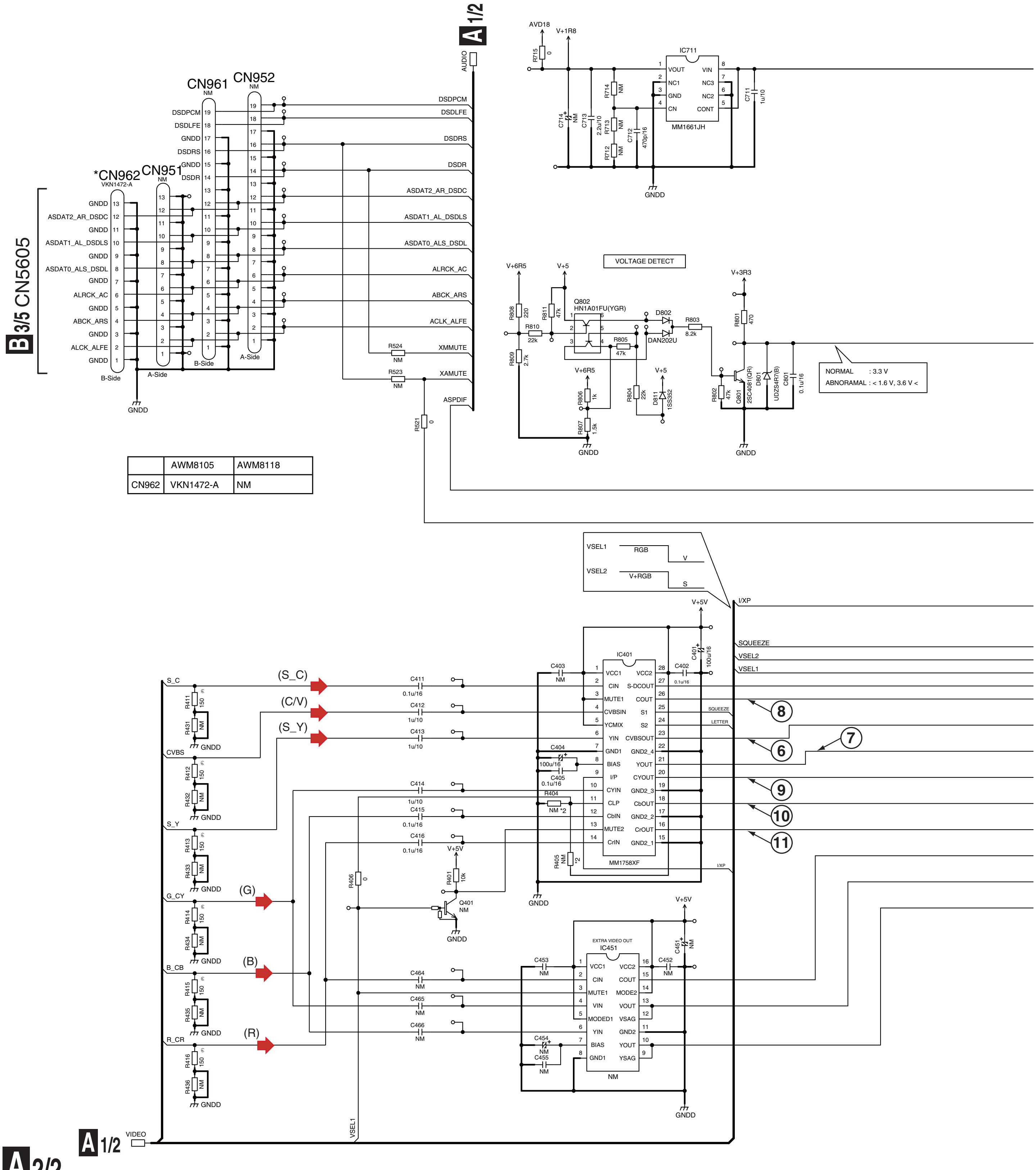

IC201
MT1389FE/S-L
HDMI Block
JA931
AKP7224-A
IC202
K4S641632K-UC75
*IC241
TC7SH08FUS1
IC601
TC7SH08FUS1
CN204
NM
DOWNLOAD
*L241
QTL1013-A
X201
VSS1172-A
V+3R3
V+3R3A
V+3D
V+3DR
V+3DR
V+5V
1.8V
3.3V
GNDD
GNDA
AUDIO
VIDEO
A 2/2
(AD)
(S_Y)
(S_C)
(C/V)
(G/Y)
(R/Cr)
(B/Cb)
S_Y
S_C
CVBS
G_CY
B_CB
R_CR
TRCLOSE
STBY
MIC
TRKUP
LIMIT
SYS
XREADY
MDATA
SCLK
ACK
SDATA
RXD
TXD
SCL
SDA
XVDRST
DQM0
SDCKE
SDCLK
DQM1
VSEL1
VSEL2
LETTER
SQUEEZE
I/XP
R978
R979
R980
0
1
2
3
4
13

	C248	C249	R240	R241	R242	R243	R244	R245	R246	L241	IC241
05	0.1u	470p	33	33	33	10	33	33	33	QTL1013A	TC7SH08FUS1
18	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM

(C/V) ➡ : VIDEO SIGNAL ROUTE(C/V)
(S_Y) ➡ : VIDEO SIGNAL ROUTE (S_Y)
(S_C) ➡ : VIDEO SIGNAL ROUTE (S_C)
(R/Cr) ➡ : VIDEO SIGNAL ROUTE (R/Cr)
(G/Y) ➡ : VIDEO SIGNAL ROUTE (G/Y)
(B/Cb) ➡ : VIDEO SIGNAL ROUTE (B/Cb)
(AD) ➡ : AUDIO DATA SIGNAL ROUTE

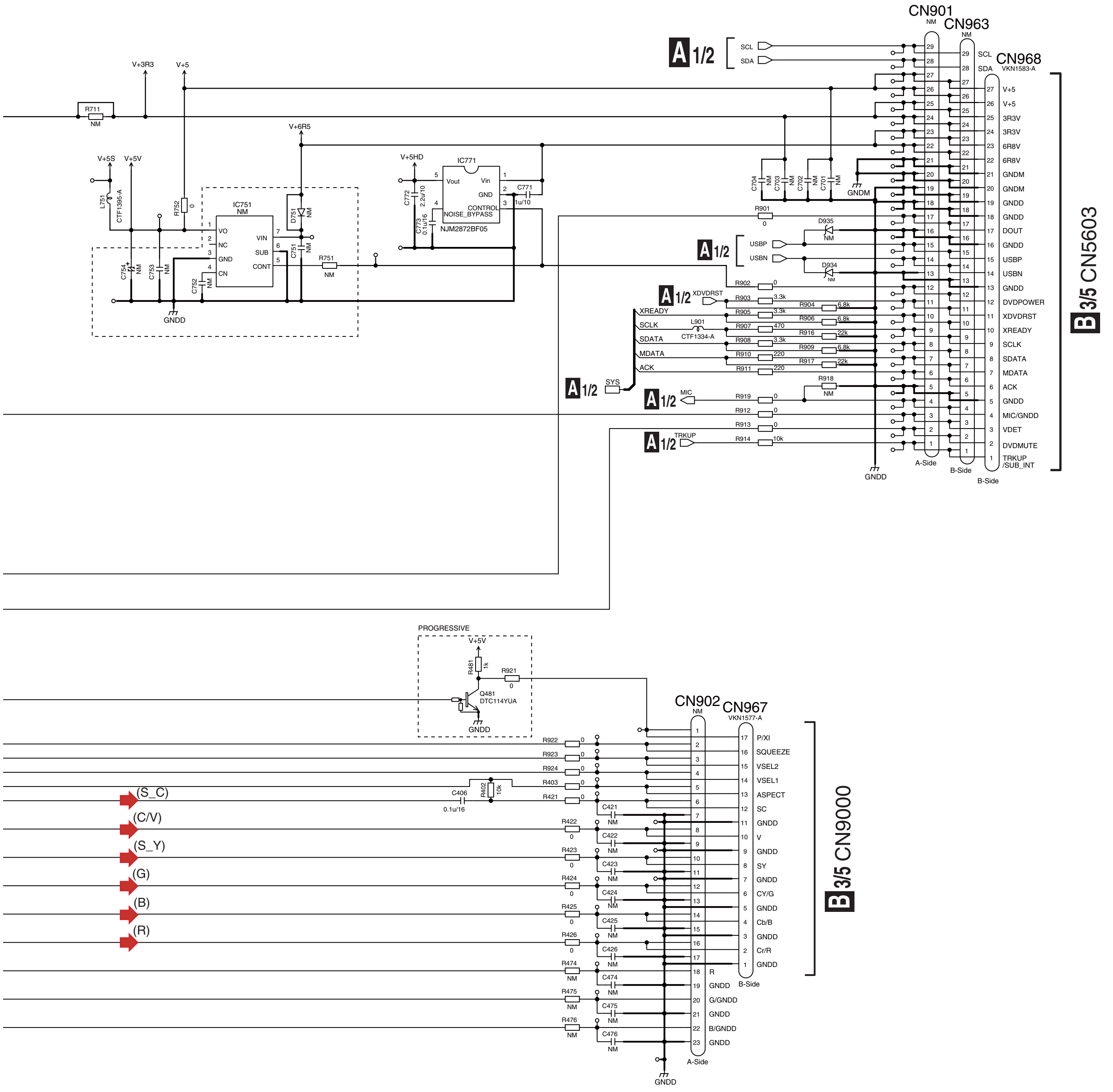
10.2 08 DVDM ASSY (2/2)

A 2/2 08 DVDM ASSY
(XV-DV575, XV-DV580 : AWM8118)
(XV-DV385K, XV-DV395K : AWM8105)


A 1/2
AUDIO
DSDPCM
DSDLFE
DSDRS
DSDR
ASDAT2_AR_DSDC
ASDAT1_AL_DSDLS
ASDAT0_ALS_DSDL
ALRCK_AC
ABCK_ARS
ACLK_ALFE
XMMUTE
XAMUTE
ASPDIF
R524 NM
R523 NM
R521 0
CN961 NM
CN952 NM
*CN962 VKN1472-A
CN951 NM
GNDD
A-Side
B-Side
B 3/5 CN5605
AVD18
V+1R8
R715 0
IC711
MM1661JH
VOUT VIN NC1 NC3 GND NC2 CN CONT
C714 NM
C713 2.2u/10
R714 NM
R713 NM
R712 NM
C712 470p/16
C711 1u/10
VOLTAGE DETECT
V+6R5
V+5
V+3R3
Q802 HN1A01FU(YGR)
D802 DAN202U
R803 8.2k
R808 220
R811 47k
R810 22k
R809 2.7k
R805 47k
R806 1k
R807 1.5k
R804 22k
D811 1SS352
R801 470
R802 47k
Q801 2SC4081(QR)
D801 UDZS4R7(B)
C801 0.1u/16
NORMAL : 3.3 V
ABNORAMAL : < 1.6 V, 3.6 V <
VSEL1 RGB V
VSEL2 V+RGB S
V+5V
I/XP
SQUEEZE
VSEL2
VSEL1
IC401
MM1758XF
VCC1 VCC2 CIN S-DCOUT MUTE1 COUT CVBSIN S1 YCMIX S2 YIN CVBSOUT GND1 GND2_4 BIAS YOUT I/P CYOUT CYIN GND2_3 CLP CbOUT CbIN GND2_2 MUTE2 CrOUT CrIN GND2_1
C401 100u/16
C402 0.1u/16
C403 NM
C404 100u/16
C405 0.1u/16
R404 NM *2
R405 NM *2
C411 0.1u/16
C412 1u/10
C413 1u/10
C414 1u/10
C415 0.1u/16
C416 0.1u/16
SQUEEZE
LETTER
8
7
6
9
10
11
S_C
CVBS
S_Y
G_CY
B_CB
R_CR
(S_C)
(C/V)
(S_Y)
(G)
(B)
(R)
R411 150
R431 NM
R412 150
R432 NM
R413 150
R433 NM
R414 150
R434 NM
R415 150
R435 NM
R416 150
R436 NM
R406 0
R401 10k
Q401 NM
EXTRA VIDEO OUT
IC451
NM
VCC1 VCC2 CIN COUT MUTE1 MODE2 VIN VOUT MODED1 VSAG YIN GND2 BIAS YOUT GND1 YSAG
C451 NM
C452 NM
C453 NM
C454 NM
C455 NM
C464 NM
C465 NM
C466 NM
VSEL1
A 1/2
VIDEO

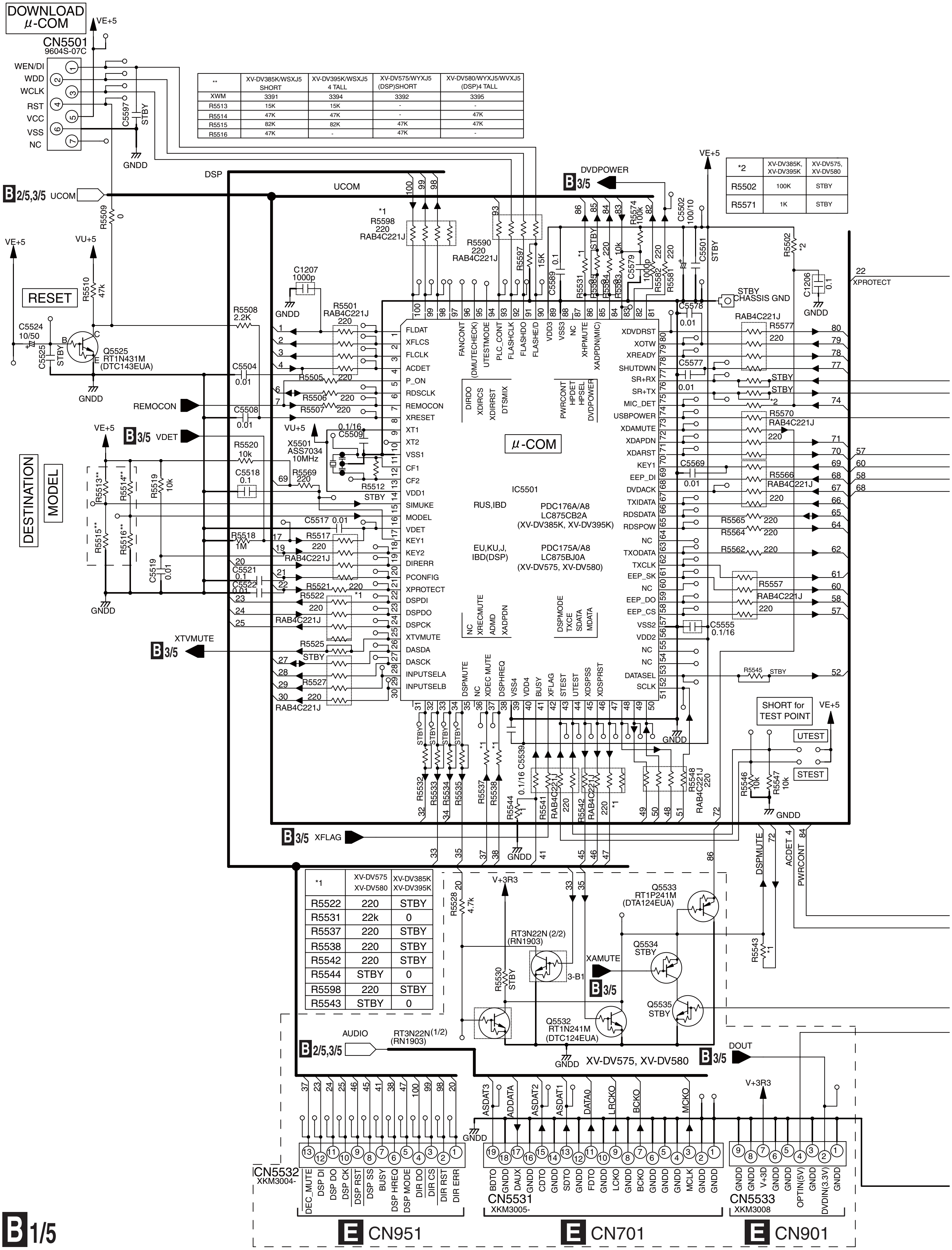
	AWM8105	AWM8118
CN962	VKN1472-A	NM

A 2/2


CN901
NM
CN963
NM
CN968
VKN1583-A
A 1/2
SCL
SDA
V+3R3
V+5
R711
NM
V+6R5
V+5S
V+5V
L751
CTF1395-A
R752
0
IC751
NM
VO
NC
GND
CN
VIN
SUB
CONT
D751
NM
C751
NM
R751
NM
C754
NM
C753
NM
C752
NM
GNDD
V+5HD
IC771
Vout
Vin
GND
CONTROL
NOISE_BYPASS
NJM2872BF05
C772
2.2u/10
C773
0.1u/16
C771
1u/10
C704
NM
C703
NM
C702
NM
C701
NM
GNDM
R901
0
D935
NM
D934
NM
USBP
USBN
R902
0
XDVDRST
R903
3.3k
R904
6.8k
XREADY
R905
3.3k
R906
6.8k
SCLK
L901
CTF1334-A
R907
470
R916
22k
SDATA
R908
3.3k
R909
6.8k
MDATA
R910
220
R917
22k
ACK
R911
220
SYS
R918
NM
MIC
R919
0
R912
0
R913
0
TRKUP
R914
10k
GNDD
A-Side
B-Side
B-Side
V+5
V+5
3R3V
3R3V
6R8V
6R8V
GNDM
GNDM
GNDD
GNDD
DOUT
GNDD
USBP
USBN
GNDD
DVDPOWER
XDVDRST
XREADY
SCLK
SDATA
MDATA
ACK
GNDD
MIC/GNDD
VDET
DVDMUTE
TRKUP
/SUB_INT
B 3/5 CN5603
PROGRESSIVE
V+5V
R481
1k
R921
0
Q481
DTC114YUA
GNDD
CN902
NM
CN967
VKN1577-A
R922 0
R923 0
R924 0
R403 0
R421 0
C406
0.1u/16
R402
10k
(S_C)
(C/V)
(S_Y)
(G)
(B)
(R)
C421 NM
R422 0
C422 NM
R423 0
C423 NM
R424 0
C424 NM
R425 0
C425 NM
R426 0
C426 NM
R474 NM
C474 NM
R475 NM
C475 NM
R476 NM
C476 NM
P/XI
SQUEEZE
VSEL2
VSEL1
ASPECT
SC
GNDD
V
GNDD
SY
GNDD
CY/G
GNDD
Cb/B
GNDD
Cr/R
GNDD
R
GNDD
G/GNDD
GNDD
B/GNDD
GNDD
A-Side
B-Side
GNDD
B 3/5 CN9000

(C/V) ➡ : VIDEO SIGNAL ROUTE(C/V)
(S_Y) ➡ : VIDEO SIGNAL ROUTE (S_Y)
(S_C) ➡ : VIDEO SIGNAL ROUTE (S_C)
(R) ➡ : VIDEO SIGNAL ROUTE (R)
(G) ➡ : VIDEO SIGNAL ROUTE (G)
(B) ➡ : VIDEO SIGNAL ROUTE (B)

10.3 SYSMAIN ASSY (1/5)


DOWNLOAD
µ-COM
CN5501
9604S-07C
WEN/DI
WDD
WCLK
RST
VCC
VSS
NC
VE+5
C5597
STBY
GNDD
DSP
UCOM
B 2/5,3/5 UCOM
R5509 0
VE+5
VU+5
R5510 47k
RESET
C5524 10/50
C5525 STBY
Q5525 RT1N431M (DTC143EUA)
REMOCON
B 3/5 VDET
DESTINATION
MODEL
R5513**
R5514**
R5515**
R5516**
R5519 10k
C5519 0.01
B 3/5 XTVMUTE
C1207 1000p
R5501 RAB4C221J 220
R5508 2.2K
C5504 0.01
R5505 220
R5506 220
R5507 220
C5508 0.01
R5520 10k
C5518 0.1
X5501 ASS7034 10MHz
C5509 0.1/16
R5569 220
R5512 STBY
C5517 0.01
R5518 1M
R5517 220 RAB4C221J
C5521 0.1
C5522 0.01
R5521 220
R5522 220 RAB4C221J *1
R5525 STBY
R5527 220 RAB4C221J
*1 R5598 220 RAB4C221J
R5590 220 RAB4C221J
R5597 15K
C5589 0.1
R5531 *1
R5574 100k
C5502 100/10
C5501 STBY
C5579 1000p
DVDPOWER
B 3/5
VE+5
R5502 *2
C1206 0.1
STBY CHASSIS GND
XPROTECT
C5578 0.01
RAB4C221J R5577 220
C5577 0.01
STBY
R5570 RAB4C221J 220
C5569 0.01
R5566 RAB4C221J 220
R5565 220
R5564 220
R5562 220
R5557 RAB4C221J 220
C5555 0.1/16
R5545 STBY
SHORT for TEST POINT
UTEST
STEST
R5546 10k
R5547 10k
GNDD
µ-COM
IC5501
RUS,IBD
PDC176A/A8 LC875CB2A (XV-DV385K, XV-DV395K)
EU,KU,J, IBD(DSP)
PDC175A/A8 LC875BJ0A (XV-DV575, XV-DV580)
FLDAT
XFLCS
FLCLK
ACDET
P_ON
RDSCLK
REMOCON
XRESET
XT1
XT2
VSS1
CF1
CF2
VDD1
SIMUKE
MODEL
VDET
KEY1
KEY2
DIRERR
PCONFIG
XPROTECT
DSPDI
DSPDO
DSPCK
XTVMUTE
DASDA
DASCK
INPUTSELA
INPUTSELB
FANCONT (DMUTECHECK)
UTESTMODE
PLC_CONT
FLASHCLK
FLASHDO
FLASHE/D
VDD3
VSS3
NC
XHPMUTE
XADPDN(MIC)
DIRDO
XDIRCS
XDIRRST
DTSMIX
PWRCONT
HPDET
HPSEL
DVDPOWER
XDVDRST
XOTW
XREADY
SHUTDWN
SR+RX
SR+TX
MIC_DET
USBPOWER
XDAMUTE
XDAPDN
XDARST
KEY1
EEP_DI
DVDACK
TXIDATA
RDSDATA
RDSPOW
NC
TXODATA
TXCLK
EEP_SK
NC
EEP_DO
EEP_CS
VSS2
VDD2
NC
NC
DATASEL
SCLK
NC
XRECMUTE
ADMD
XADPDN
DSPMODE
TXCE
SDATA
MDATA
DSPMUTE
NC
XDEC MUTE
DSPHREQ
VSS4
VDD4
BUSY
XFLAG
STEST
UTEST
XDSPSS
XDSPRST
R5532
R5533
R5534
R5535
R5537 *1
R5538 *1
C5539 0.1/16
R5544 *1
R5541 RAB4C221J 220
R5542 RAB4C221J 220 *1
R5548 RAB4C221J 220
B 3/5 XFLAG
DSPMUTE
ACDET
PWRCONT
V+3R3
R5528 4.7k
RT3N22N (2/2) (RN1903)
R5530 STBY
Q5533 RT1P241M (DTA124EUA)
Q5534 STBY
XAMUTE
3-B1
B 3/5
Q5535 STBY
Q5532 RT1N241M (DTC124EUA)
R5543 *1
RT3N22N(1/2) (RN1903)
AUDIO
B 2/5,3/5
XV-DV575, XV-DV580
DOUT
B 3/5
V+3R3
ASDAT3
ADDATA
ASDAT2
ASDAT1
DATA0
LRCKO
BCKO
MCKO
GNDD
CN5532
XKM3004-
DEC_MUTE
DSP DI
DSP DO
DSP CK
DSP RST
DSP SS
BUSY
DSP HREQ
DSP MODE
DIR DO
DIR CS
DIR RST
DIR ERR
BDTO
GNDD
DAUX
GNDD
CDTO
GNDD
SDTO
GNDD
FDTO
GNDD
LCKO
GNDD
BCKO
GNDD
GNDD
GNDD
MCLK
GNDD
GNDD
CN5531
XKM3005-
GNDD
GNDD
V+3D
GNDD
GNDD
OPTIN(5V)
GNDD
DVDIN(3.3V)
GNDD
CN5533
XKM3008
E CN951
E CN701
E CN901

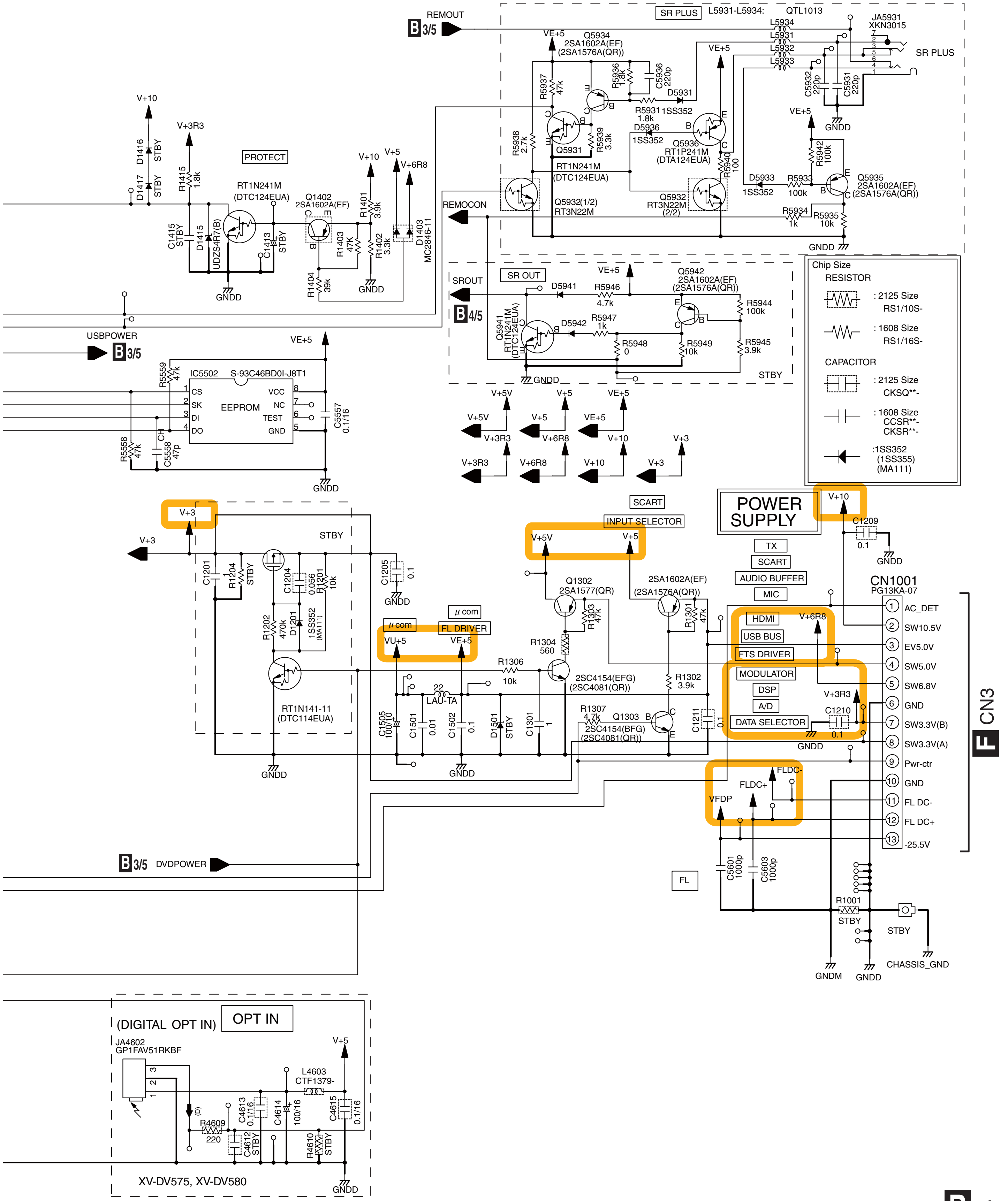
**	XV-DV385K/WSXJ5 SHORT	XV-DV395K/WSXJ5 4 TALL	XV-DV575/WYXJ5 (DSP)SHORT	XV-DV580/WYXJ5/WVXJ5 (DSP)4 TALL
XWM	3391	3394	3392	3395
R5513	15K	15K	-	-
R5514	47K	47K	-	47K
R5515	82K	82K	47K	47K
R5516	47K	-	47K	-

*2	XV-DV385K, XV-DV395K	XV-DV575, XV-DV580
R5502	100K	STBY
R5571	1K	STBY

*1	XV-DV575 XV-DV580	XV-DV385K XV-DV395K
R5522	220	STBY
R5531	22k	0
R5537	220	STBY
R5538	220	STBY
R5542	220	STBY
R5544	STBY	0
R5598	220	STBY
R5543	STBY	0

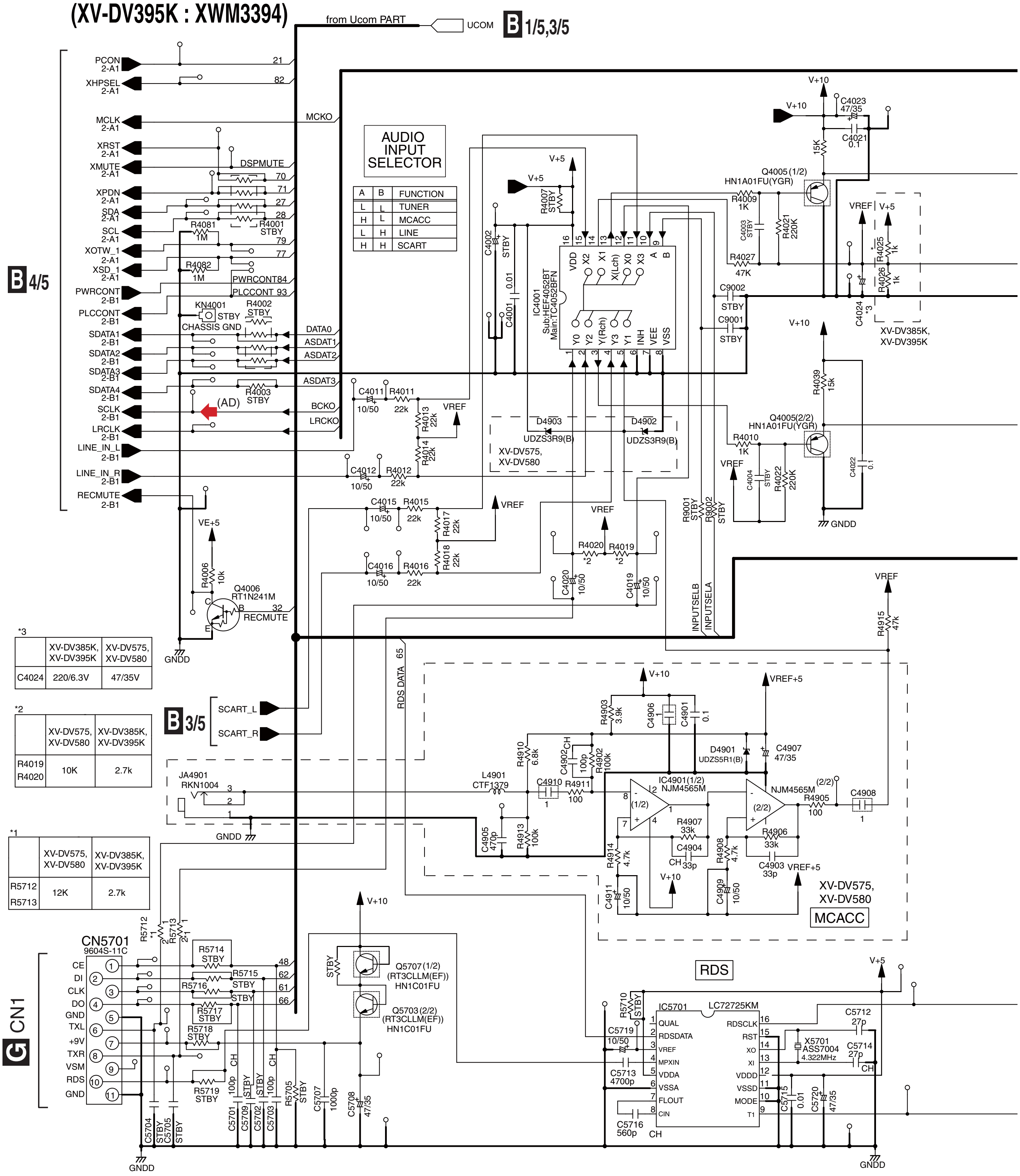
B 1/5 SYSMAIN ASSY

(XV-DV575 : XWM3392) (XV-DV580 : XWM3395)
(XV-DV385K : XWM3391) (XV-DV395K : XWM3394)


REMOUT
B 3/5
SR PLUS
L5931-L5934: QTL1013
JA5931
XKN3015
L5934
L5931
L5932
L5933
SR PLUS
VE+5
Q5934
2SA1602A(EF)
(2SA1576A(QR))
R5937 47k
R5936 1.8k
C5936 220p
D5931
R5931 1.8k
1SS352
D5936
1SS352
Q5936
RT1P241M
(DTA124EUA)
C5932 220p
C5931 220p
GNDD
R5938 2.7k
Q5931
R5939 3.3k
RT1N241M
(DTC124EUA)
R5940 100
D5933
1SS352
R5933 100k
R5942 100k
Q5935
2SA1602A(EF)
(2SA1576A(QR))
REMOCON
Q5932(1/2)
RT3N22M
Q5932
RT3N22M
(2/2)
R5934 1k
R5935 10k
GNDD
V+10
V+3R3
D1416 STBY
D1417 STBY
R1415 1.8k
PROTECT
RT1N241M
(DTC124EUA)
Q1402
2SA1602A(EF)
V+10
V+5
V+6R8
R1401 3.9k
C1415 STBY
D1415
UDZS4R7(B)
C1413 STBY
R1403 47K
R1402 3.3k
D1403
MC2846-11
R1404 39k
GNDD
GNDD
SROUT
SR OUT
VE+5
D5941
R5946 4.7k
Q5942
2SA1602A(EF)
(2SA1576A(QR))
R5944 100k
B 4/5
Q5941
RT1N241M
(DTC124EUA)
D5942
R5947 1k
R5948 0
R5949 10k
R5945 3.9k
GNDD
STBY
USBPOWER
B 3/5
VE+5
R5559 47k
IC5502 S-93C46BD0I-J8T1
CS
SK
DI
DO
EEPROM
VCC
NC
TEST
GND
C5557 0.1/16
R5558 47k
C5558 47p CH
GNDD
V+5V
V+5
VE+5
V+5V
V+5
VE+5
V+3R3
V+6R8
V+10
V+3
V+3R3
V+6R8
V+10
V+3
Chip Size
RESISTOR
: 2125 Size RS1/10S-
: 1608 Size RS1/16S-
CAPACITOR
: 2125 Size CKSQ**-
: 1608 Size CCSR**- CKSR**-
:1SS352 (1SS355) (MA111)
V+3
STBY
V+3
C1201
R1204 STBY
C1204 0.056
R1201 10k
R1202 470k
D1201 1SS352 (MA111)
C1205 0.1
GNDD
RT1N141-11
(DTC114EUA)
GNDD
SCART
INPUT SELECTOR
V+5V
V+5
POWER SUPPLY
V+10
C1209 0.1
GNDD
TX
SCART
AUDIO BUFFER
MIC
Q1302
2SA1577(QR)
2SA1602A(EF)
(2SA1576A(QR))
R1303 47k
R1301 47k
μ com
μ com
FL DRIVER
VU+5
VE+5
R1304 560
R1306 10k
22
LAU-TA
2SC4154(EFG)
(2SC4081(QR))
R1302 3.9k
C1505 100/10
C1501 0.01
C1502 0.1
D1501 STBY
C1301 1
R1307 4.7k
Q1303
2SC4154(BFG)
(2SC4081(QR))
C1211 0.1
GNDD
HDMI
USB BUS
FTS DRIVER
V+6R8
MODULATOR
DSP
A/D
DATA SELECTOR
V+3R3
C1210 0.1
GNDD
CN1001
PG13KA-07
1 AC_DET
2 SW10.5V
3 EV5.0V
4 SW5.0V
5 SW6.8V
6 GND
7 SW3.3V(B)
8 SW3.3V(A)
9 Pwr-ctr
10 GND
11 FL DC-
12 FL DC+
13 -25.5V
F CN3
FLDC-
FLDC+
VFDP
C5601 1000p
C5603 1000p
FL
R1001 STBY
STBY
CHASSIS_GND
GNDM
GNDD
B 3/5 DVDPOWER
(DIGITAL OPT IN)
OPT IN
JA4602
GP1FAV51RKBF
V+5
L4603
CTF1379-
R4609 220
C4613 0.1/16
C4612 STBY
C4614 100/16
R4610 STBY
C4615 0.1/16
GNDD
XV-DV575, XV-DV580

10.4 SYSMAIN ASSY (2/5)

B 2/5 SYSMAIN ASSY
(XV-DV575 : XWM3392)
(XV-DV580 : XWM3395)
(XV-DV385K : XWM3391)
(XV-DV395K : XWM3394)



from Ucom PART
UCOM
B 1/5,3/5
B 4/5
PCON 2-A1
XHPSEL 2-A1
MCLK 2-A1
XRST 2-A1
XMUTE 2-A1
XPDN 2-A1
SDA 2-A1
SCL 2-A1
XOTW_1 2-A1
XSD_1 2-A1
PWRCONT 2-B1
PLCCONT 2-B1
SDATA1 2-B1
SDATA2 2-B1
SDATA3 2-B1
SDATA4 2-B1
SCLK 2-B1
LRCLK 2-B1
LINE_IN_L 2-B1
LINE_IN_R 2-B1
RECMUTE 2-B1
MCKO
DSPMUTE
R4081 1M
R4001 STBY
R4082 1M
PWRCONT84
PLCCONT 93
KN4001 STBY
CHASSIS GND
R4002 STBY
R4003 STBY
DATA0
ASDAT1
ASDAT2
ASDAT3
BCKO
LRCKO
(AD)
AUDIO INPUT SELECTOR
V+5
R4007 STBY
C4002 STBY
C4001 0.01
IC4001 Sub:HEF4052BT Main:TC4052BFN
VDD X2 X1 X(Lch) X0 X3 A B
Y0 Y2 Y(Rch) Y3 Y1 INH VEE VSS
C4011 10/50
R4011 22k
R4013 22k
R4014 22k
VREF
C4012 10/50
R4012 22k
C4015 10/50
R4015 22k
R4017 22k
C4016 10/50
R4016 22k
R4018 22k
D4903 UDZS3R9(B)
D4902 UDZS3R9(B)
XV-DV575, XV-DV580
R4020 *2
R4019 *2
C4020 10/50
C4019 10/50
R9001 STBY
R9002 STBY
INPUTSELB
INPUTSELA
V+10
C4023 47/35
C4021 0.1
15K
Q4005(1/2) HN1A01FU(YGR)
R4009 1K
C4003 STBY
R4021 220K
R4027 47K
C9002 STBY
C9001 STBY
VREF V+5
R4025 1k
R4026 1k
C4024 *3
XV-DV385K, XV-DV395K
R4039 15k
Q4005(2/2) HN1A01FU(YGR)
R4010 1K
C4004 STBY
R4022 220K
C4022 0.1
GNDD
VE+5
R4006 10k
Q4006 RT1N241M
RECMUTE 32
VREF
R4915 47K
RDS DATA 65
B 3/5
SCART_L
SCART_R
V+10
VREF+5
R4903 3.9k
C4906 1
C4901 0.1
D4901 UDZS5R1(B)
C4907 47/35
R4910 6.8k
C4902 CH 100p
R4902 100k
JA4901 RKN1004
L4901 CTF1379
C4910 1
R4911 100
IC4901(1/2) NJM4565M
(1/2)
NJM4565M (2/2)
R4905 100
C4908 1
C4905 470p
R4913 100k
R4907 33k
C4904 CH 33p
R4914 4.7k
R4908 4.7k
R4906 33k
C4903 33p
VREF+5
C4911 10/50
C4909 10/50
XV-DV575, XV-DV580
MCACC
RDS
G CN1
CN5701 9604S-11C
CE DI CLK DO GND TXL +9V TXR VSM RDS GND
R5712 *1
R5713 *1
R5714 STBY
R5715 STBY
R5716 STBY
R5717 STBY
R5718 STBY
R5719 STBY
48 62 61 66
Q5707(1/2) (RT3CLLM(EF)) HN1C01FU
Q5703(2/2) (RT3CLLM(EF)) HN1C01FU
C5704 STBY
C5705 STBY
C5701 100p CH
C5709 STBY
C5702 STBY
C5703 100p CH
R5705 STBY
C5707 1000p
C5708 47/35
IC5701 LC72725KM
QUAL RDSDATA VREF MPXIN VDDA VSSA FLOUT CIN
RDSCLK RST XO XI VDDD VSSD MODE T1
R5710 STBY
C5719 10/50
C5713 4700p
C5716 560p CH
C5712 27p
X5701 ASS7004 4.322MHz
C5714 27p CH
C5715 0.01
C5720 47/35
V+5
GNDD

A	B	FUNCTION
L	L	TUNER
H	L	MCACC
L	H	LINE
H	H	SCART

*3

	XV-DV385K, XV-DV395K	XV-DV575, XV-DV580
C4024	220/6.3V	47/35V

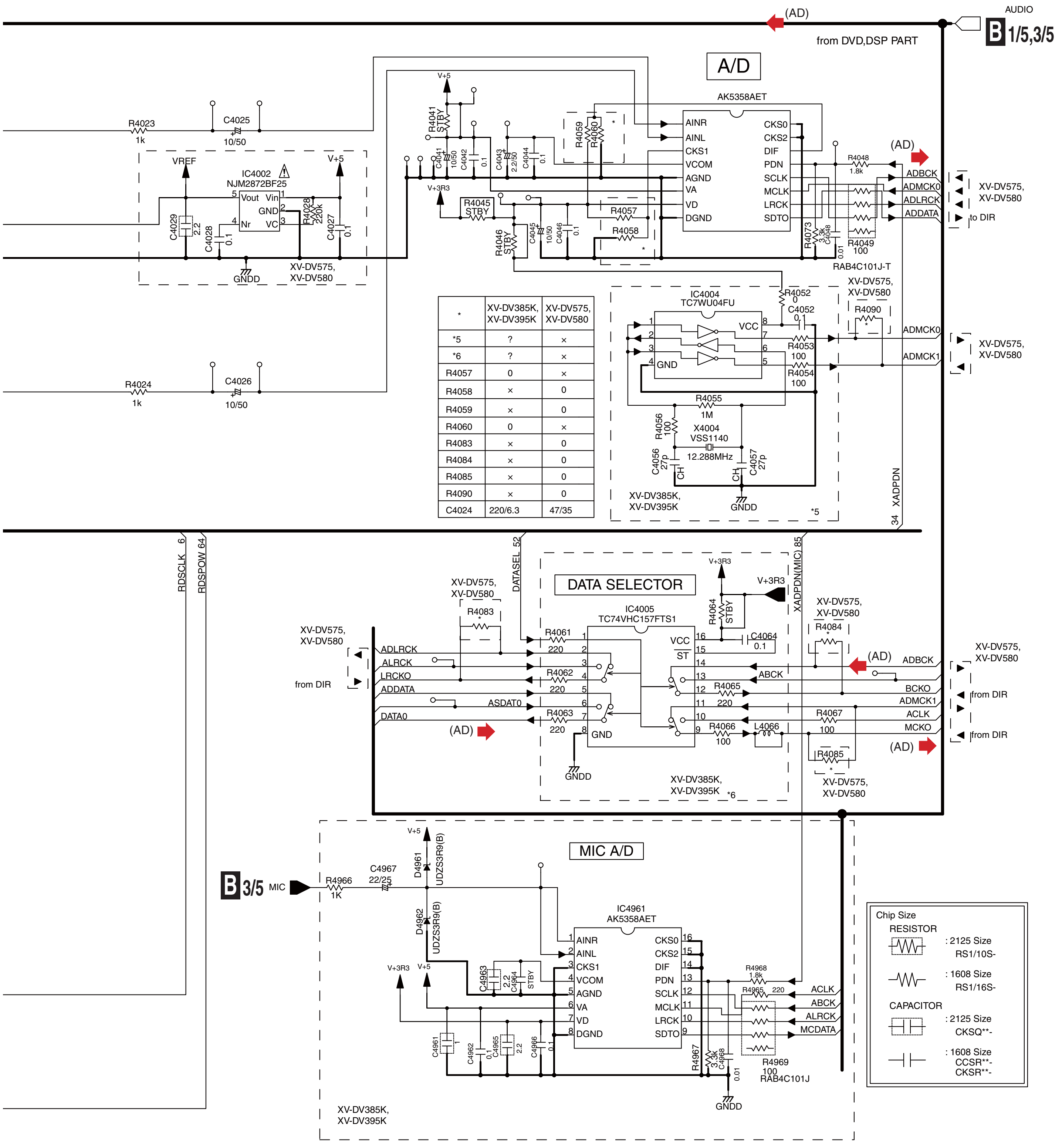
*2

	XV-DV575, XV-DV580	XV-DV385K, XV-DV395K
R4019 R4020	10K	2.7k

*1

	XV-DV575, XV-DV580	XV-DV385K, XV-DV395K
R5712 R5713	12K	2.7k

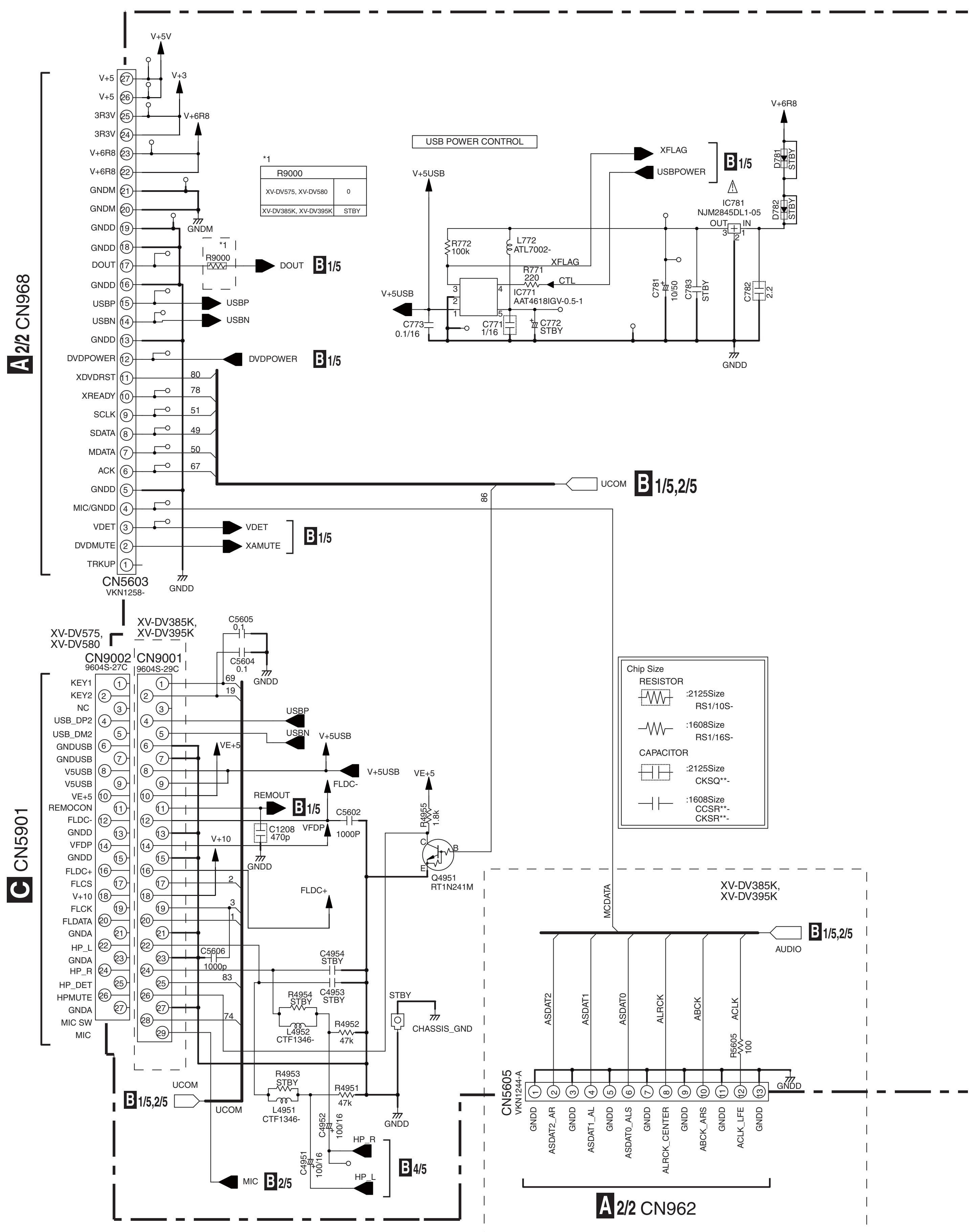
B 2/5


A
B
C
D
E
F
AUDIO
B 1/5,3/5
(AD)
from DVD,DSP PART
A/D
AK5358AET
AINR
AINL
CKS1
VCOM
AGND
VA
VD
DGND
CKS0
CKS2
DIF
PDN
SCLK
MCLK
LRCK
SDTO
R4023
1k
C4025
10/50
VREF
V+5
IC4002
NJM2872BF25
Vout
Vin
GND
Nr
VC
R4028
220k
C4029
2.2
C4028
0.1
C4027
0.1
GNDD
XV-DV575,
XV-DV580
R4041
STBY
C4041
10/50
C4042
0.1
C4043
2.2/50
C4044
0.1
R4059
R4060
V+3R3
R4045
STBY
R4046
STBY
C4045
10/50
C4046
0.1
R4057
R4058
R4048
1.8k
ADBCK
ADMCK0
ADLRCK
ADDATA
to DIR
R4073
3.3k
C4048
0.01
R4049
100
RAB4C101J-T
IC4004
TC7WU04FU
VCC
GND
R4052
0
C4052
0.1
R4090
R4053
100
R4054
100
ADMCK0
ADMCK1
R4055
1M
R4056
100
X4004
VSS1140
12.288MHz
C4056
27p
C4057
27p
CH
XV-DV385K,
XV-DV395K
*5
34 XADPDN
R4024
1k
C4026
10/50
RDSCLK 6
RDSPOW 64
DATASEL 52
XADPDN(MIC) 85
DATA SELECTOR
IC4005
TC74VHC157FTS1
V+3R3
R4064
STBY
C4064
0.1
VCC
ST
R4083
R4084
ADLRCK
ALRCK
LRCKO
ADDATA
ASDAT0
DATA0
from DIR
R4061
220
R4062
220
R4063
220
ABCK
R4065
220
R4066
100
L4066
R4067
100
R4085
ADBCK
BCKO
ADMCK1
ACLK
MCKO
*6
B 3/5
MIC
MIC A/D
R4966
1K
C4967
22/25
D4961
UDZS3R9(B)
D4962
UDZS3R9(B)
IC4961
AK5358AET
V+3R3
V+5
C4963
2.2
C4964
2.2
STBY
C4961
1
C4962
0.1
C4965
2.2
C4966
0.1
R4968
1.8k
R4965
220
ACLK
ABCK
ALRCK
MCDATA
R4967
3.3k
C4968
0.01
R4969
100
RAB4C101J
Chip Size
RESISTOR
: 2125 Size
RS1/10S-
: 1608 Size
RS1/16S-
CAPACITOR
: 2125 Size
CKSQ**-
: 1608 Size
CCSR**-
CKSR**-

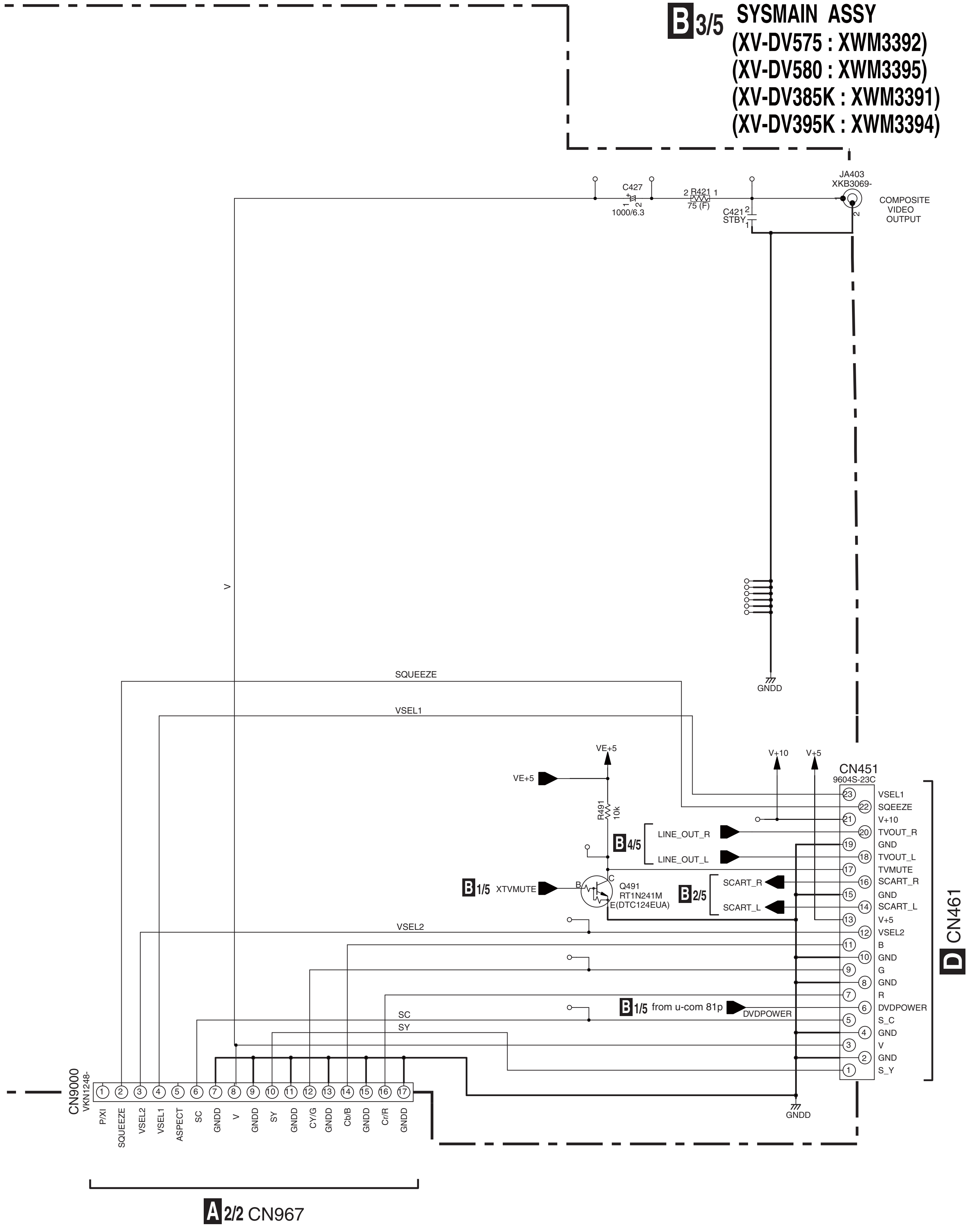
*	XV-DV385K, XV-DV395K	XV-DV575, XV-DV580
*5	?	×
*6	?	×
R4057	0	×
R4058	×	0
R4059	×	0
R4060	0	×
R4083	×	0
R4084	×	0
R4085	×	0
R4090	×	0
C4024	220/6.3	47/35

(AD) ➡ : AUDIO DATA SIGNAL ROUTE

10.5 SYSMAIN ASSY (3/5)

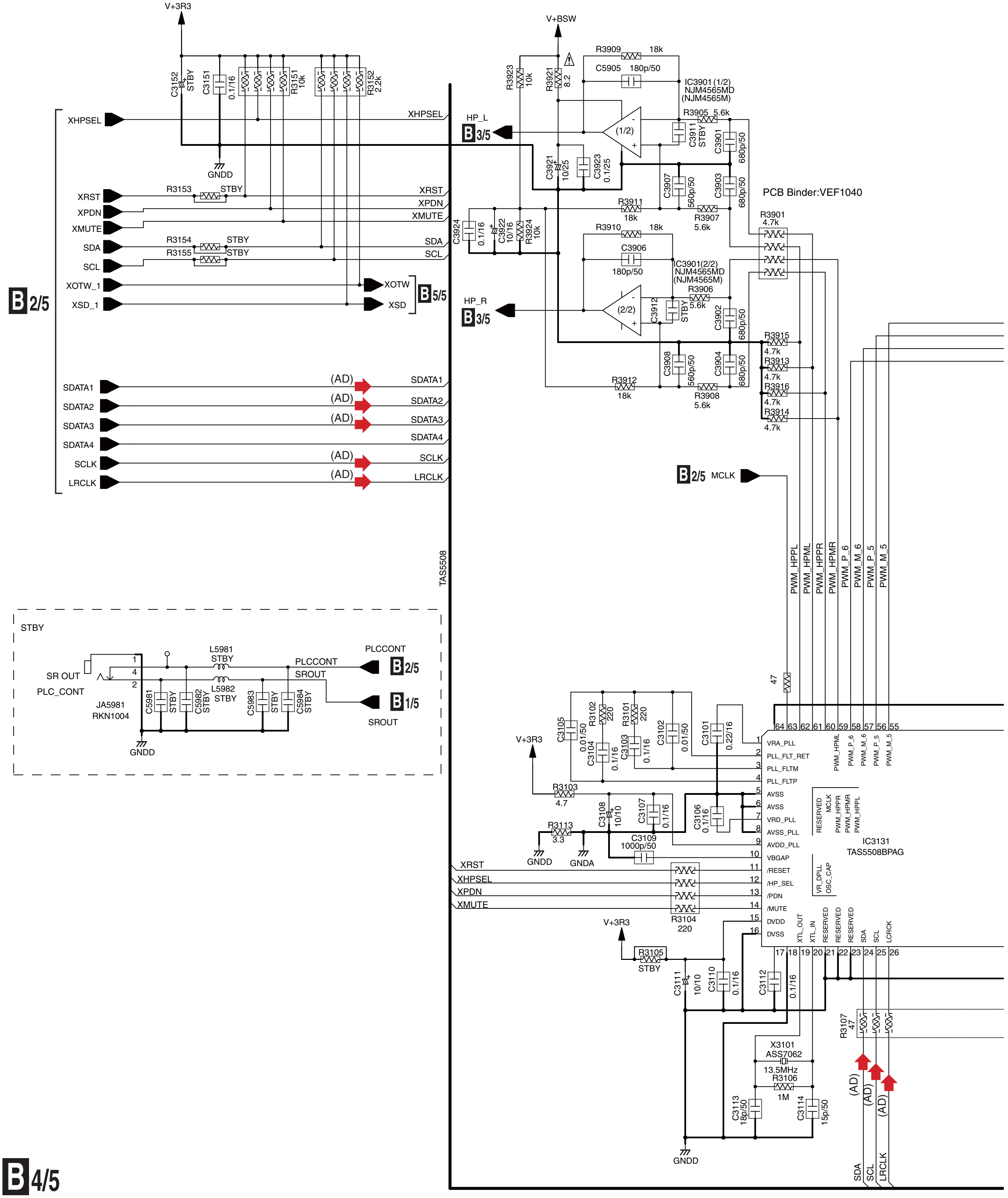

V+5V
V+3
V+6R8
A 2/2 CN968
V+5 27
V+5 26
3R3V 25
3R3V 24
V+6R8 23
V+6R8 22
GNDM 21
GNDM 20
GNDD 19
GNDD 18
DOUT 17
GNDD 16
USBP 15
USBN 14
GNDD 13
DVDPOWER 12
XDVDRST 11
XREADY 10
SCLK 9
SDATA 8
MDATA 7
ACK 6
GNDD 5
MIC/GNDD 4
VDET 3
DVDMUTE 2
TRKUP 1
CN5603
VKN1258-
GNDM
GNDD
*1
R9000
DOUT
B 1/5
USBP
USBN
DVDPOWER
B 1/5
80
78
51
49
50
67
86
UCOM
B 1/5,2/5
VDET
XAMUTE
B 1/5
*1
R9000
XV-DV575, XV-DV580 0
XV-DV385K, XV-DV395K STBY
USB POWER CONTROL
V+5USB
XFLAG
USBPOWER
B 1/5
V+6R8
D781 STBY
D782 STBY
IC781
NJM2845DL1-05
OUT IN
3 2 1
R772 100k
L772 ATL7002-
XFLAG
R771 220
CTL
IC771
AAT4618IGV-0.5-1
V+5USB
3 2 1 4 5
C773 0.1/16
C771 1/16
C772 STBY
C781 10/50
C783 STBY
C782 2.2
GNDD
XV-DV575,
XV-DV580
XV-DV385K,
XV-DV395K
CN9002
9604S-27C
CN9001
9604S-29C
C CN5901
KEY1
KEY2
NC
USB_DP2
USB_DM2
GNDUSB
GNDUSB
V5USB
V5USB
VE+5
REMOCON
FLDC-
GNDD
VFDP
GNDD
FLDC+
FLCS
V+10
FLCK
FLDATA
GNDA
HP_L
GNDA
HP_R
HP_DET
HPMUTE
GNDA
MIC SW
MIC
C5605 0.1
C5604 0.1
GNDD
69
19
USBP
USBN
V+5USB
VE+5
V+5USB
FLDC-
REMOUT
B 1/5
C5602 1000P
VFDP
C1208 470p
V+10
GNDD
VE+5
R4955 1.8k
C B E
Q4951
RT1N241M
FLDC+
2
3
1
C5606 1000p
83
C4954 STBY
R4954 STBY
C4953 STBY
L4952 CTF1346-
R4952 47k
74
STBY
CHASSIS_GND
R4953 STBY
L4951 CTF1346-
R4951 47k
GNDD
UCOM
B 1/5,2/5
UCOM
C4952 100/16
C4951 100/16
HP_R
HP_L
B 4/5
MIC
B 2/5
Chip Size
RESISTOR
:2125Size RS1/10S-
:1608Size RS1/16S-
CAPACITOR
:2125Size CKSQ**-
:1608Size CCSR**- CKSR**-
MCDATA
XV-DV385K,
XV-DV395K
AUDIO
B 1/5,2/5
ASDAT2
ASDAT1
ASDAT0
ALRCK
ABCK
ACLK
R5605 100
CN5605
VKN1244-A
GNDD
GNDD
ASDAT2_AR
GNDD
ASDAT1_AL
GNDD
ASDAT0_ALS
GNDD
ALRCK_CENTER
GNDD
ABCK_ARS
GNDD
ACLK_LFE
GNDD
A 2/2 CN962

B 3/5 SYSMAIN ASSY
(XV-DV575 : XWM3392)
(XV-DV580 : XWM3395)
(XV-DV385K : XWM3391)
(XV-DV395K : XWM3394)



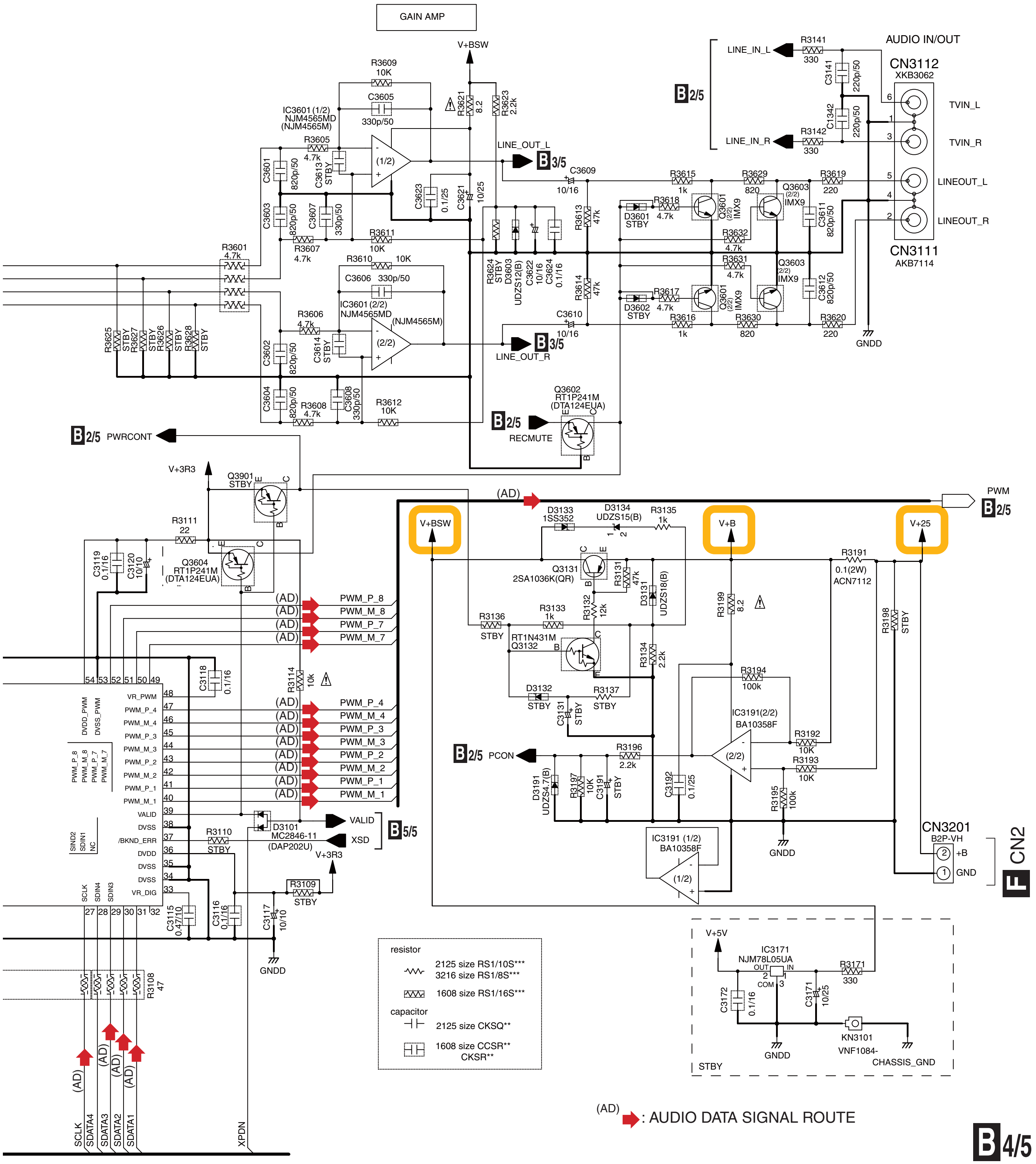
C427
1000/6.3
2 R421 1
75 (F)
C421
STBY
JA403
XKB3069-
COMPOSITE
VIDEO
OUTPUT
V
GNDD
SQUEEZE
VSEL1
VE+5
VE+5
R491
10k
B 4/5
LINE_OUT_R
LINE_OUT_L
B 1/5 XTVMUTE
B
C
E(DTC124EUA)
Q491
RT1N241M
B 2/5
SCART_R
SCART_L
VSEL2
B 1/5 from u-com 81p
DVDPOWER
SC
SY
V+10
V+5
CN451
9604S-23C
23 VSEL1
22 SQEEZE
21 V+10
20 TVOUT_R
19 GND
18 TVOUT_L
17 TVMUTE
16 SCART_R
15 GND
14 SCART_L
13 V+5
12 VSEL2
11 B
10 GND
9 G
8 GND
7 R
6 DVDPOWER
5 S_C
4 GND
3 V
2 GND
1 S_Y
D CN461
GNDD
CN9000
VKN1248-
1 P/XI
2 SQUEEZE
3 VSEL2
4 VSEL1
5 ASPECT
6 SC
7 GNDD
8 V
9 GNDD
10 SY
11 GNDD
12 CY/G
13 GNDD
14 Cb/B
15 GNDD
16 Cr/R
17 GNDD
A 2/2 CN967

10.6 SYSMAIN ASSY (4/5)


V+3R3
C3152
STBY
C3151
0.1/16
R3151
10k
R3152
2.2k
XHPSEL
GNDD
R3153
STBY
XRST
XPDN
XMUTE
R3154
STBY
R3155
STBY
SDA
SCL
XOTW_1
XSD_1
XOTW
XSD
B 5/5
B 2/5
SDATA1
SDATA2
SDATA3
SDATA4
SCLK
LRCLK
(AD)
TAS5508
V+BSW
R3923
10k
R3921
8.2
R3909
18k
C5905
180p/50
IC3901 (1/2)
NJM4565MD
(NJM4565M)
(1/2)
R3905
5.6k
C3911
STBY
C3901
680p/50
HP_L
B 3/5
C3921
10/25
C3923
0.1/25
C3907
560p/50
C3903
680p/50
PCB Binder:VEF1040
R3911
18k
R3907
5.6k
R3901
4.7k
C3924
0.1/16
C3922
10/16
R3924
10k
R3910
18k
C3906
180p/50
IC3901(2/2)
NJM4565MD
(NJM4565M)
R3906
5.6k
HP_R
B 3/5
(2/2)
C3912
STBY
C3902
680p/50
R3915
4.7k
R3913
4.7k
R3916
4.7k
R3914
4.7k
C3908
560p/50
C3904
680p/50
R3912
18k
R3908
5.6k
B 2/5
MCLK
PWM_HPPL
PWM_HPML
PWM_HPPR
PWM_HPMR
PWM_P_6
PWM_M_6
PWM_P_5
PWM_M_5
STBY
SR OUT
PLC_CONT
JA5981
RKN1004
L5981
STBY
L5982
STBY
C5981
STBY
C5982
STBY
C5983
STBY
C5984
STBY
PLCCONT
SROUT
B 2/5
B 1/5
GNDD
47
C3105
0.01/50
R3102
220
C3104
0.1/16
R3101
220
C3103
0.1/16
C3102
0.01/50
C3101
0.22/16
V+3R3
R3103
4.7
R3113
3.3
GNDD
GNDA
C3108
10/10
C3107
0.1/16
C3106
0.1/16
C3109
1000p/50
VRA_PLL
PLL_FLT_RET
PLL_FLTM
PLL_FLTP
AVSS
AVSS
VRD_PLL
AVSS_PLL
AVDD_PLL
VBGAP
/RESET
/HP_SEL
/PDN
/MUTE
DVDD
DVSS
RESERVED
MCLK
PWM_HPPR
PWM_HPMR
PWM_HPPL
PWM_HPML
PWM_P_6
PWM_M_6
PWM_P_5
PWM_M_5
VR_DPLL
OSC_CAP
XTL_OUT
XTL_IN
RESERVED
RESERVED
RESERVED
SDA
SCL
LRCLK
IC3131
TAS5508BPAG
XRST
XHPSEL
XPDN
XMUTE
R3104
220
V+3R3
R3105
STBY
C3111
10/10
C3110
0.1/16
C3112
0.1/16
X3101
ASS7062
13.5MHz
R3106
1M
C3113
18p/50
C3114
15p/50
GNDD
R3107
47
(AD)
SDA
SCL
LRCLK

B 4/5 SYSMAIN ASSY

(XV-DV575 : XWM3392)
(XV-DV580 : XWM3395)
(XV-DV385K : XWM3391)
(XV-DV395K : XWM3394)



GAIN AMP
V+BSW
R3609 10K
C3605 330p/50
IC3601 (1/2) NJM4565MD (NJM4565M)
R3605 4.7k
R3621 8.2
R3623 2.2k
LINE_OUT_L
B 3/5
C3609 10/16
C3601 820p/50
C3613 STBY
C3603 820p/50
C3607 330p/50
C3623 0.1/25
C3621 10/25
R3611 10K
R3607 4.7k
R3610 10K
C3606 330p/50
IC3601 (2/2) NJM4565MD (NJM4565M)
R3601 4.7k
R3606 4.7k
C3614 STBY
C3602 820p/50
C3604 820p/50
R3608 4.7k
C3608 330p/50
R3612 10K
R3625 STBY
R3627 STBY
R3626 STBY
R3628 STBY
LINE_OUT_R
C3610 10/16
R3624 STBY
D3603 UDZS12(B)
C3622 10/16
C3624 0.1/16
R3613 47k
R3614 47k
Q3602 RT1P241M (DTA124EUA)
B 2/5 RECMUTE
B 2/5 PWRCONT
AUDIO IN/OUT
LINE_IN_L
R3141 330
C3141 220p/50
C1342 220p/50
R3142 330
LINE_IN_R
B 2/5
CN3112 XKB3062
TVIN_L
TVIN_R
LINEOUT_L
LINEOUT_R
CN3111 AKB7114
R3615 1k
R3629 820
Q3603 (2/2) IMX9
R3619 220
R3618 4.7k
D3601 STBY
Q3601 (2/2) IMX9
C3611 820p/50
R3632 4.7k
R3631 4.7k
Q3603 (2/2) IMX9
R3617 4.7k
D3602 STBY
Q3601 (2/2) IMX9
C3612 820p/50
R3616 1k
R3630 820
R3620 220
GNDD
V+3R3
Q3901 STBY
R3111 22
C3119 0.1/16
C3120 10/10
Q3604 RT1P241M (DTA124EUA)
(AD)
PWM_P_8
PWM_M_8
PWM_P_7
PWM_M_7
PWM_P_4
PWM_M_4
PWM_P_3
PWM_M_3
PWM_P_2
PWM_M_2
PWM_P_1
PWM_M_1
C3118 0.1/16
R3114 10k
54 53 52 51 50 49
48 VR_PWM
47 PWM_P_4
46 PWM_M_4
45 PWM_P_3
44 PWM_M_3
43 PWM_P_2
42 PWM_M_2
41 PWM_P_1
40 PWM_M_1
39 VALID
38 DVSS
37 /BKND_ERR
36 DVDD
35 DVSS
34 DVSS
33 VR_DIG
DVDD_PWM
DVSS_PWM
PWM_M_8
PWM_P_8
PWM_P_7
PWM_M_7
SIND2
SDIN1
NC
SCLK
SDIN4
SDIN3
27 28 29 30 31 32
D3101 MC2846-11 (DAP202U)
VALID
XSD
B 5/5
R3110 STBY
V+3R3
R3109 STBY
C3115 0.47/10
C3116 0.1/16
C3117 10/10
GNDD
R3108 47
SCLK
SDATA4
SDATA3
SDATA2
SDATA1
XPDN
PWM
B 2/5
D3133 1SS352
D3134 UDZS15(B)
R3135 1k
V+BSW
V+B
V+25
Q3131 2SA1036K(QR)
R3131 47k
D3131 UDZS18(B)
R3136 STBY
R3133 1k
R3132 12k
RT1N431M Q3132
R3134 2.2k
D3132 STBY
C3131 STBY
R3137 STBY
R3199 8.2
R3191 0.1(2W) ACN7112
R3198 STBY
R3194 100k
IC3191(2/2) BA10358F
R3192 10K
R3193 10K
B 2/5 PCON
R3196 2.2k
D3191 UDZS4.7(B)
R3197 10K
C3191 STBY
C3192 0.1/25
R3195 100k
GNDD
IC3191 (1/2) BA10358F
CN3201 B2P-VH
+B
GND
F CN2
V+5V
IC3171 NJM78L05UA
OUT IN COM
R3171 330
C3172 0.1/16
C3171 10/25
GNDD
KN3101 VNF1084-
CHASSIS_GND
STBY

resistor

2125 size RS1/10S***
3216 size RS1/8S***

1608 size RS1/16S***

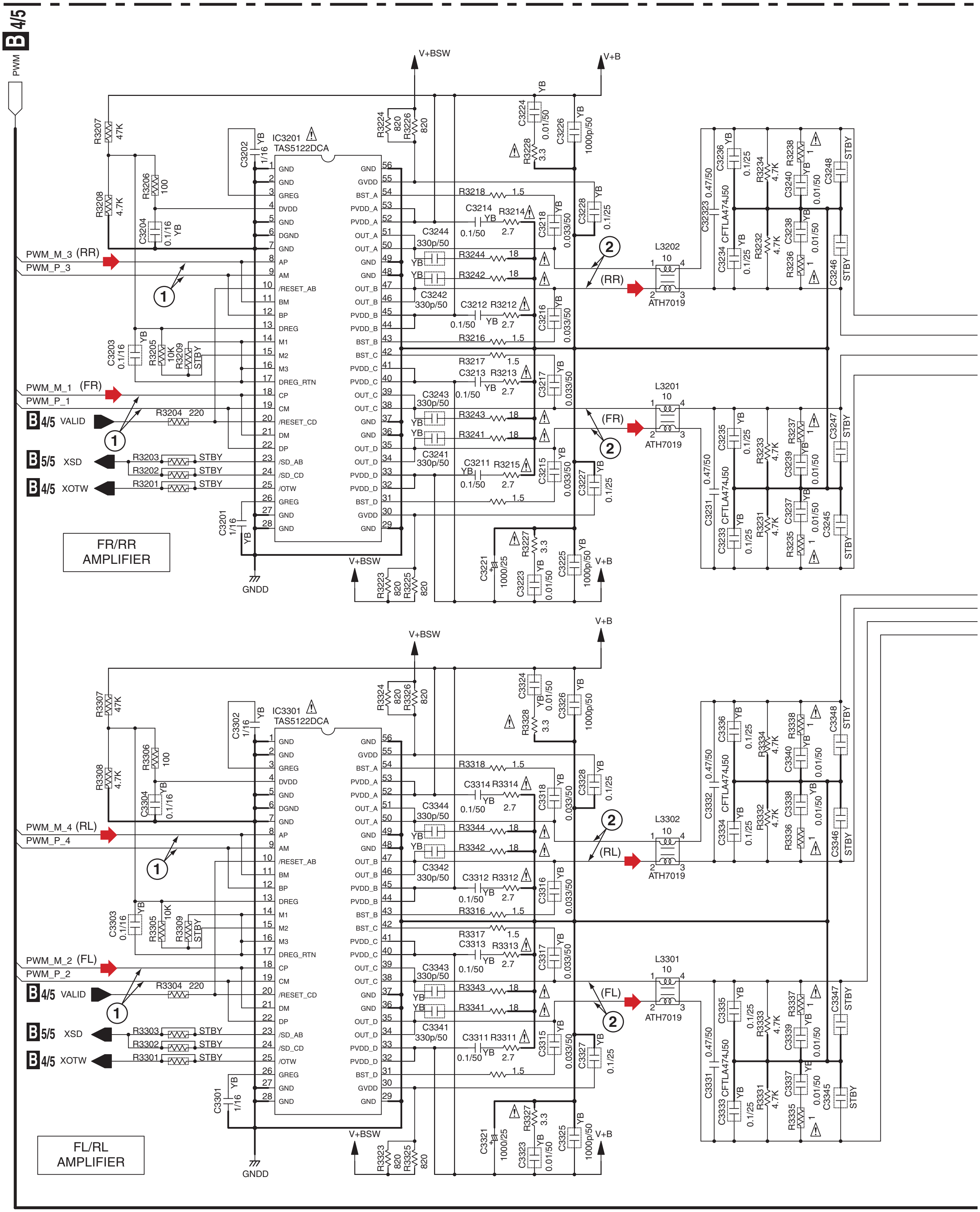
capacitor

2125 size CKSQ**

1608 size CCSR** CKSR**

(AD) : AUDIO DATA SIGNAL ROUTE

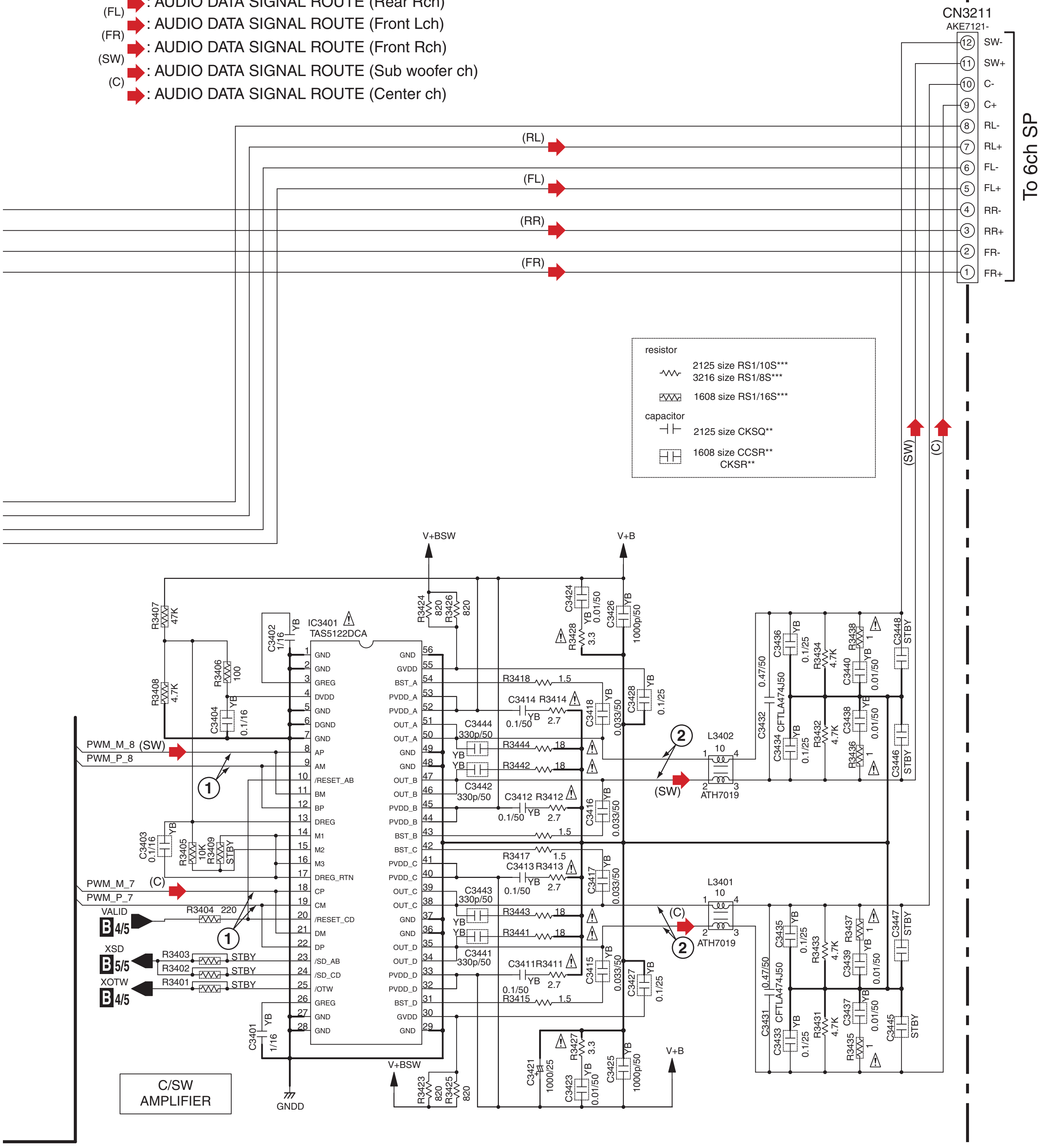
10.7 SYSMAIN ASSY (5/5)


A
B
C
D
E
F
B 4/5
PWM
V+BSW
V+B
IC3201
TAS5122DCA
IC3301
TAS5122DCA
GND
GREG
DVDD
DGND
AP
AM
/RESET_AB
BM
BP
DREG
M1
M2
M3
DREG_RTN
CP
CM
/RESET_CD
DM
DP
/SD_AB
/SD_CD
/OTW
GVDD
BST_A
PVDD_A
OUT_A
OUT_B
PVDD_B
BST_B
BST_C
PVDD_C
OUT_C
OUT_D
PVDD_D
BST_D
PWM_M_3 (RR)
PWM_P_3
PWM_M_1 (FR)
PWM_P_1
PWM_M_4 (RL)
PWM_P_4
PWM_M_2 (FL)
PWM_P_2
B 4/5 VALID
B 5/5 XSD
B 4/5 XOTW
R3207 47K
R3208 4.7K
R3206 100
C3204 0.1/16 YB
C3202 1/16 YB
C3203 0.1/16 YB
R3205 10K
R3209 STBY
R3204 220
R3203 STBY
R3202 STBY
R3201 STBY
C3201 1/16 YB
R3224 820
R3226 820
R3223 820
R3225 820
C3224 YB 0.01/50
C3226 YB 1000p/50
R3228 3.3
R3218 1.5
C3214 YB 0.1/50
R3214 2.7
C3218 YB 0.033/50
C3228 YB 0.1/25
C3244 330p/50
R3244 18
R3242 18
C3242 330p/50
C3212 0.1/50 YB
R3212 2.7
C3216 YB 0.033/50
R3216 1.5
R3217 1.5
C3213 YB 0.1/50
R3213 2.7
C3217 YB 0.033/50
C3243 330p/50
R3243 18
R3241 18
C3241 330p/50
C3211 YB 0.1/50
R3215 2.7
C3215 YB 0.033/50
C3227 YB 0.1/25
1.5
C3221 1000/25
R3227 3.3
C3223 YB 0.01/50
C3225 YB 1000p/50
L3202 10
L3201 10
ATH7019
(RR)
(FR)
(RL)
(FL)
C3232 0.47/50
C3231 0.47/50
CFTLA474J50
C3236 YB 0.1/25
C3234 YB 0.1/25
R3234 4.7K
R3232 4.7K
R3238 1
C3240 YB 0.01/50
C3238 YB 0.01/50
R3236 1
C3248 STBY
C3246 STBY
C3235 YB 0.1/25
C3233 YB 0.1/25
R3233 4.7K
R3231 4.7K
R3237 1
C3239 YB 0.01/50
C3237 YB 0.01/50
R3235 1
C3247 STBY
C3245 STBY
R3307 47K
R3308 4.7K
R3306 100
C3304 0.1/16 YB
C3302 1/16 YB
C3303 0.1/16 YB
R3305 10K
R3309 STBY
R3304 220
R3303 STBY
R3302 STBY
R3301 STBY
C3301 1/16 YB
R3324 820
R3326 820
R3323 820
R3325 820
C3324 YB 0.01/50
C3326 1000p/50
R3328 3.3
R3318 1.5
C3314 YB 0.1/50
R3314 2.7
C3318 YB 0.033/50
C3328 YB 0.1/25
C3344 330p/50
R3344 18
R3342 18
C3342 330p/50
C3312 YB 0.1/50
R3312 2.7
C3316 YB 0.033/50
R3316 1.5
R3317 1.5
C3313 YB 0.1/50
R3313 2.7
C3317 YB 0.033/50
C3343 330p/50
R3343 18
R3341 18
C3341 330p/50
C3311 YB 0.1/50
R3311 2.7
C3315 YB 0.033/50
C3327 YB 0.1/25
C3321 1000/25
R3327 3.3
C3323 YB 0.01/50
C3325 YB 1000p/50
L3302 10
L3301 10
C3332 0.47/50
C3331 0.47/50
C3336 YB 0.1/25
C3334 YB 0.1/25
R3334 4.7K
R3332 4.7K
R3338 1
C3340 YB 0.01/50
C3338 YB 0.01/50
R3336 1
C3348 STBY
C3346 STBY
C3335 YB 0.1/25
C3333 YB 0.1/25
R3333 4.7K
R3331 4.7K
R3337 1
C3339 YB 0.01/50
C3337 YB 0.01/50
R3335 1
C3347 STBY
C3345 STBY
①
②
FR/RR AMPLIFIER
FL/RL AMPLIFIER
GNDD

LAYOUT NOTE :
L325X L335X L345X are PCB track inductors approx.
50mm long and 1mm wide

B 5/5 SYSMAIN ASSY
(XV-DV575 : XWM3392) (XV-DV580 : XWM3395)
(XV-DV385K : XWM3391) (XV-DV395K : XWM3394)

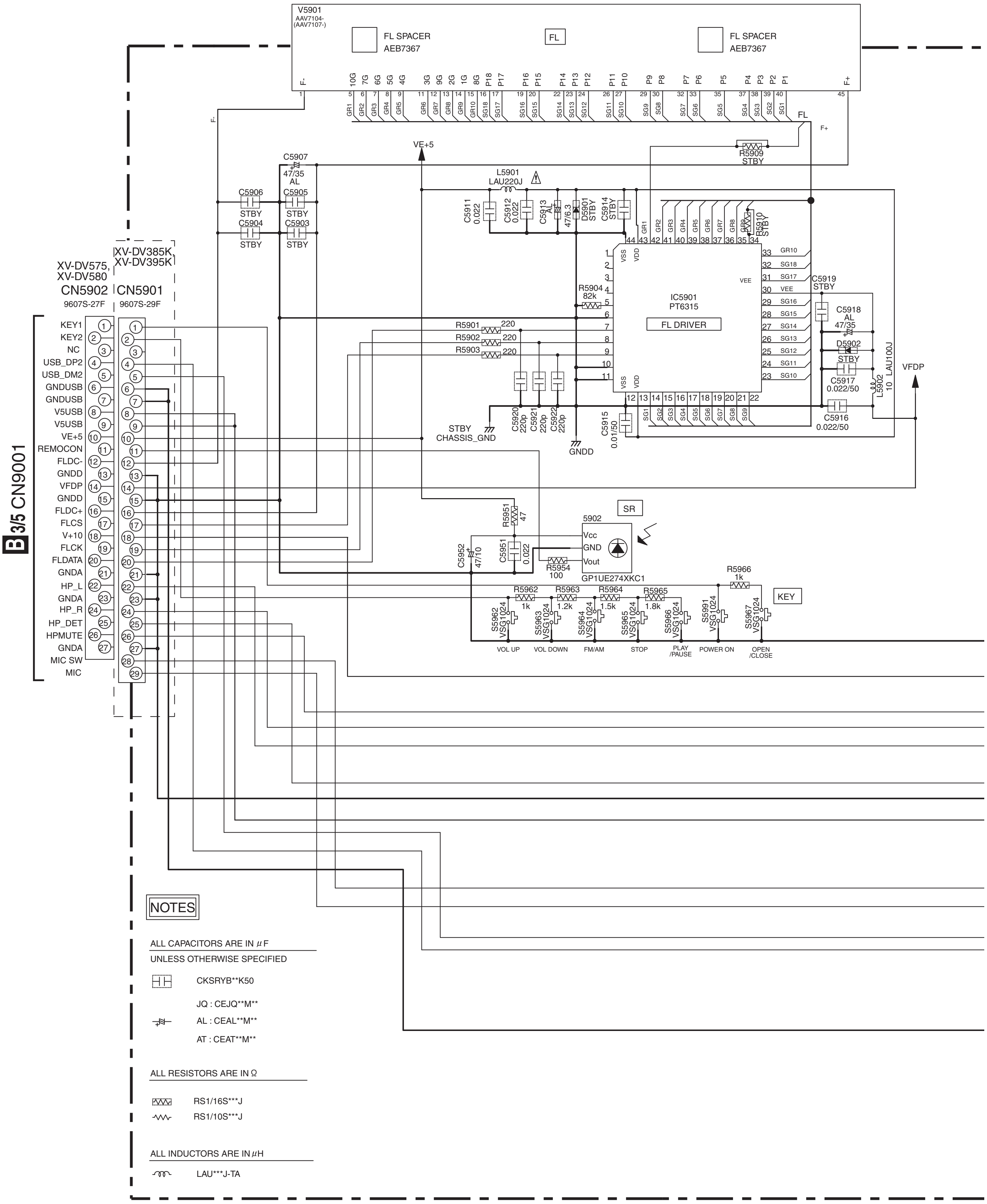
(RL) ➡: AUDIO DATA SIGNAL ROUTE (Rear Lch)
(RR) ➡: AUDIO DATA SIGNAL ROUTE (Rear Rch)
(FL) ➡: AUDIO DATA SIGNAL ROUTE (Front Lch)
(FR) ➡: AUDIO DATA SIGNAL ROUTE (Front Rch)
(SW) ➡: AUDIO DATA SIGNAL ROUTE (Sub woofer ch)
(C) ➡: AUDIO DATA SIGNAL ROUTE (Center ch)


CN3211
AKE7121-
12 SW-
11 SW+
10 C-
9 C+
8 RL-
7 RL+
6 FL-
5 FL+
4 RR-
3 RR+
2 FR-
1 FR+
To 6ch SP
(RL)
(FL)
(RR)
(FR)
(SW)
(C)
V+BSW
V+B
IC3401
TAS5122DCA
1 GND
2 GND
3 GREG
4 DVDD
5 GND
6 DGND
7 GND
8 AP
9 AM
10 /RESET_AB
11 BM
12 BP
13 DREG
14 M1
15 M2
16 M3
17 DREG_RTN
18 CP
19 CM
20 /RESET_CD
21 DM
22 DP
23 /SD_AB
24 /SD_CD
25 /OTW
26 GREG
27 GND
28 GND
56 GND
55 GVDD
54 BST_A
53 PVDD_A
52 PVDD_A
51 OUT_A
50 OUT_A
49 GND
48 GND
47 OUT_B
46 OUT_B
45 PVDD_B
44 PVDD_B
43 BST_B
42 BST_C
41 PVDD_C
40 PVDD_C
39 OUT_C
38 OUT_C
37 GND
36 GND
35 OUT_D
34 OUT_D
33 PVDD_D
32 PVDD_D
31 BST_D
30 GVDD
29 GND
R3407 47K
R3408 4.7K
R3406 100
C3404 0.1/16 YB
C3402 1/16 YB
C3403 0.1/16 YB
R3405 10K
R3409 STBY
PWM_M_8 (SW)
PWM_P_8
PWM_M_7 (C)
PWM_P_7
VALID B 4/5
XSD B 5/5
XOTW B 4/5
R3404 220
R3403 STBY
R3402 STBY
R3401 STBY
C3401 1/16 YB
GNDD
C/SW AMPLIFIER
R3424 820
R3426 820
R3423 820
R3425 820
C3424 0.01/50 YB
R3428 3.3
C3426 1000p/50 YB
R3418 1.5
C3414 0.1/50 YB
R3414 2.7
C3418 0.033/50 YB
C3428 0.1/25 YB
C3444 330p/50
R3444 18
R3442 18
C3442 330p/50
C3412 0.1/50 YB
R3412 2.7
C3416 0.033/50 YB
R3416 1.5
R3417 1.5
C3413 0.1/50 YB
R3413 2.7
C3417 0.033/50 YB
C3443 330p/50
R3443 18
R3441 18
C3441 330p/50
C3411 0.1/50 YB
R3411 2.7
C3415 0.033/50 YB
C3427 0.1/25 YB
R3415 1.5
C3421 1000/25
R3427 3.3
C3423 0.01/50 YB
C3425 1000p/50 YB
L3402 10 ATH7019
L3401 10 ATH7019
C3432 0.47/50
C3434 CFTLA474J50
C3436 0.1/25 YB
R3434 4.7K
R3438 1
C3440 0.01/50 YB
C3448 STBY
R3432 4.7K
C3438 0.01/50 YB
R3436 1
C3446 STBY
C3431 0.47/50
C3433 CFTLA474J50
C3435 0.1/25 YB
R3433 4.7K
R3437 1
C3439 0.01/50 YB
C3447 STBY
R3431 4.7K
C3437 0.01/50 YB
R3435 1
C3445 STBY
1
2

resistor
-ᴧᴧᴧ- 2125 size RS1/10S***
3216 size RS1/8S***
▨ 1608 size RS1/16S***
capacitor
⊣⊢ 2125 size CKSQ**
▭ 1608 size CCSR**
CKSR**

NOTICE
R3211~R3214,R3311~R3314,R3411~R3414 : ACN7148-(2.7Ω)(SUB:ACN7141-(2.7Ω)) (2W)

10.8 COMPLEX ASSY


V5901
AAV7104-
(AAV7107-)
FL SPACER
AEB7367
FL
FL SPACER
AEB7367
F-
10G 7G 6G 5G 4G 3G 9G 2G 1G 8G P18 P17 P16 P15 P14 P13 P12 P11 P10 P9 P8 P7 P6 P5 P4 P3 P2 P1
F+
GR1 GR2 GR3 GR4 GR5 GR6 GR7 GR8 GR9 GR10 SG18 SG17 SG16 SG15 SG14 SG13 SG12 SG11 SG10 SG9 SG8 SG7 SG6 SG5 SG4 SG3 SG2 SG1
FL
F+
VE+5
R5909
STBY
C5907
47/35
AL
L5901
LAU220J
C5906
STBY
C5905
STBY
C5904
STBY
C5903
STBY
C5911
0.022
C5912
0.022
C5913
47/6.3
AL
D5901
STBY
C5914
STBY
R5910
STBY
GR1 GR2 GR3 GR4 GR5 GR6 GR7 GR8 GR9
VSS
VDD
IC5901
PT6315
FL DRIVER
VEE
R5904
82k
R5901 220
R5902 220
R5903 220
GR10 SG18 SG17 VEE SG16 SG15 SG14 SG13 SG12 SG11 SG10
C5919
STBY
C5918
AL
47/35
D5902
STBY
C5917
0.022/50
L5902
10
LAU100J
VFDP
C5916
0.022/50
SG1 SG2 SG3 SG4 SG5 SG6 SG7 SG8 SG9
C5920
220p
C5921
220p
C5922
220p
STBY
CHASSIS_GND
C5915
0.01/50
GNDD
XV-DV385K,
XV-DV395K
XV-DV575,
XV-DV580
CN5902
9607S-27F
CN5901
9607S-29F
KEY1
KEY2
NC
USB_DP2
USB_DM2
GNDUSB
GNDUSB
V5USB
V5USB
VE+5
REMOCON
FLDC-
GNDD
VFDP
GNDD
FLDC+
FLCS
V+10
FLCK
FLDATA
GNDA
HP_L
GNDA
HP_R
HP_DET
HPMUTE
GNDA
MIC SW
MIC
B 3/5 CN9001
SR
5902
R5951
47
C5951
0.022
C5952
47/10
Vcc
GND
Vout
R5954
100
GP1UE274XKC1
R5966
1k
KEY
R5962
1k
R5963
1.2k
R5964
1.5k
R5965
1.8k
S5962
VSG1024
S5963
VSG1024
S5964
VSG1024
S5965
VSG1024
S5966
VSG1024
S5991
VSG1024
S5967
VSG1024
VOL UP
VOL DOWN
FM/AM
STOP
PLAY
/PAUSE
POWER ON
OPEN
/CLOSE

NOTES

ALL CAPACITORS ARE IN μF
UNLESS OTHERWISE SPECIFIED

CKSRYB**K50

JQ : CEJQ**M**
AL : CEAL**M**
AT : CEAT**M**

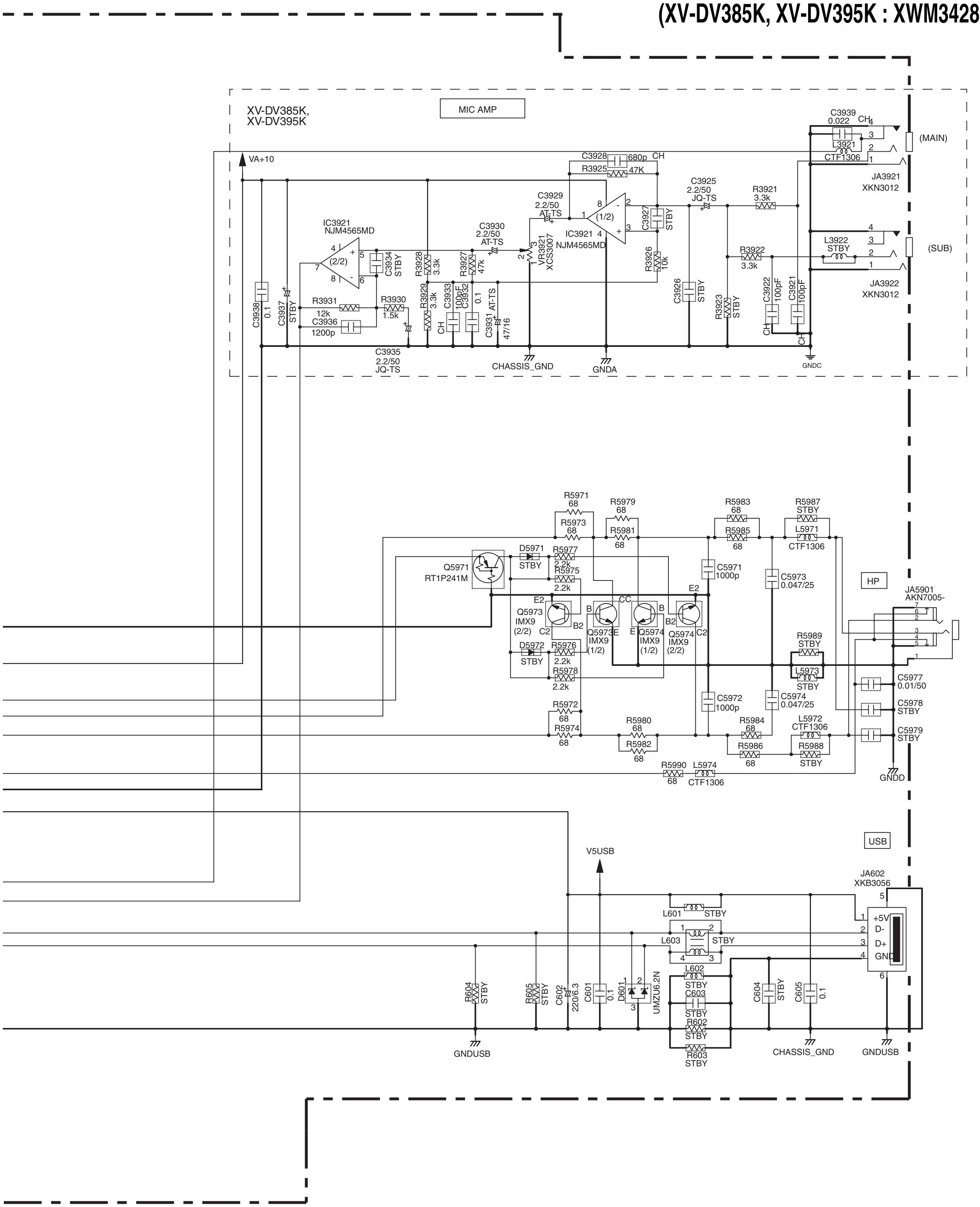
ALL RESISTORS ARE IN Ω

RS1/16S***J
RS1/10S***J

ALL INDUCTORS ARE IN μH

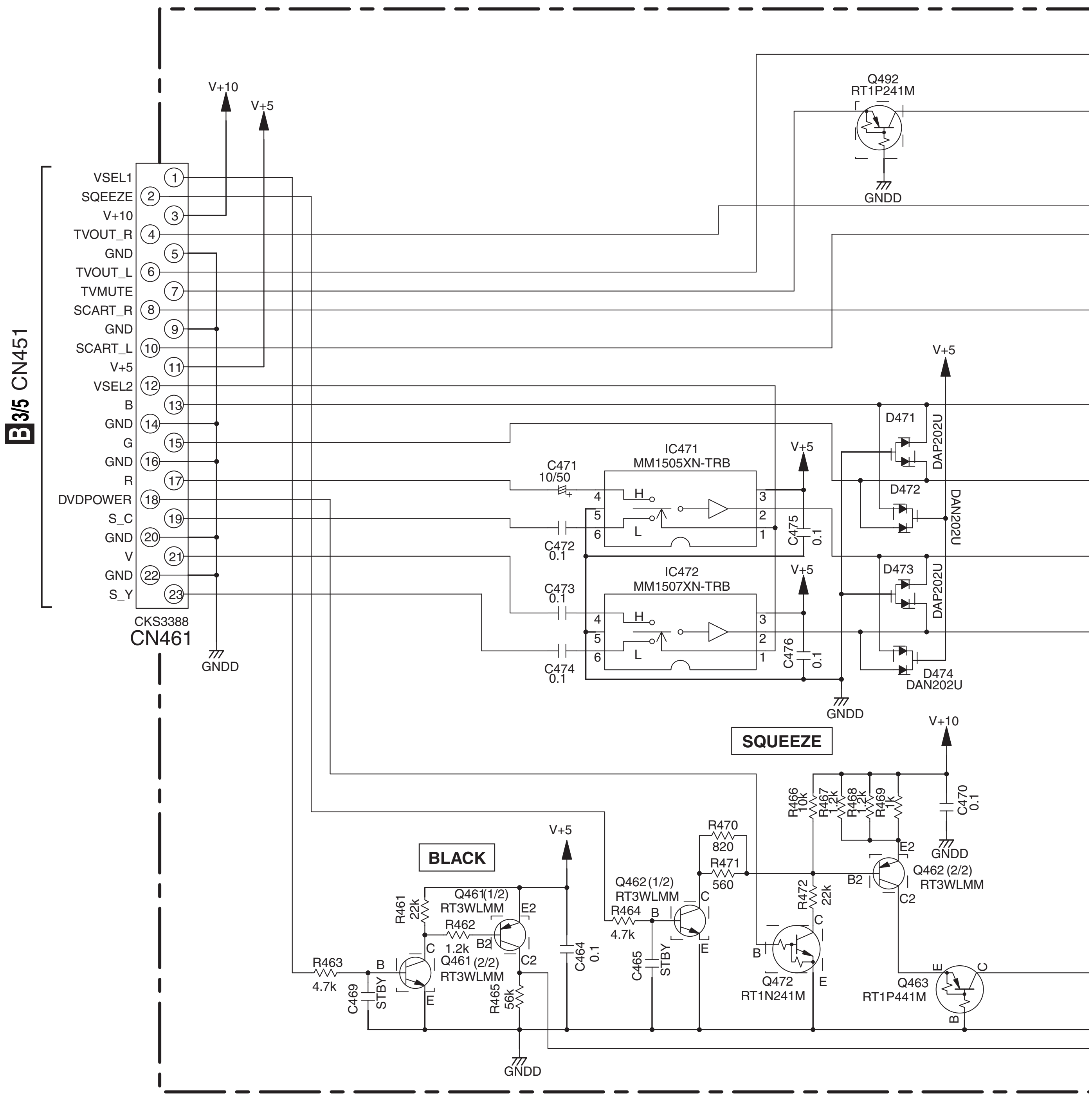
LAU***J-TA

C COMPLEX ASSY
(XV-DV575, XV-DV580 : XWM3429)
(XV-DV385K, XV-DV395K : XWM3428)

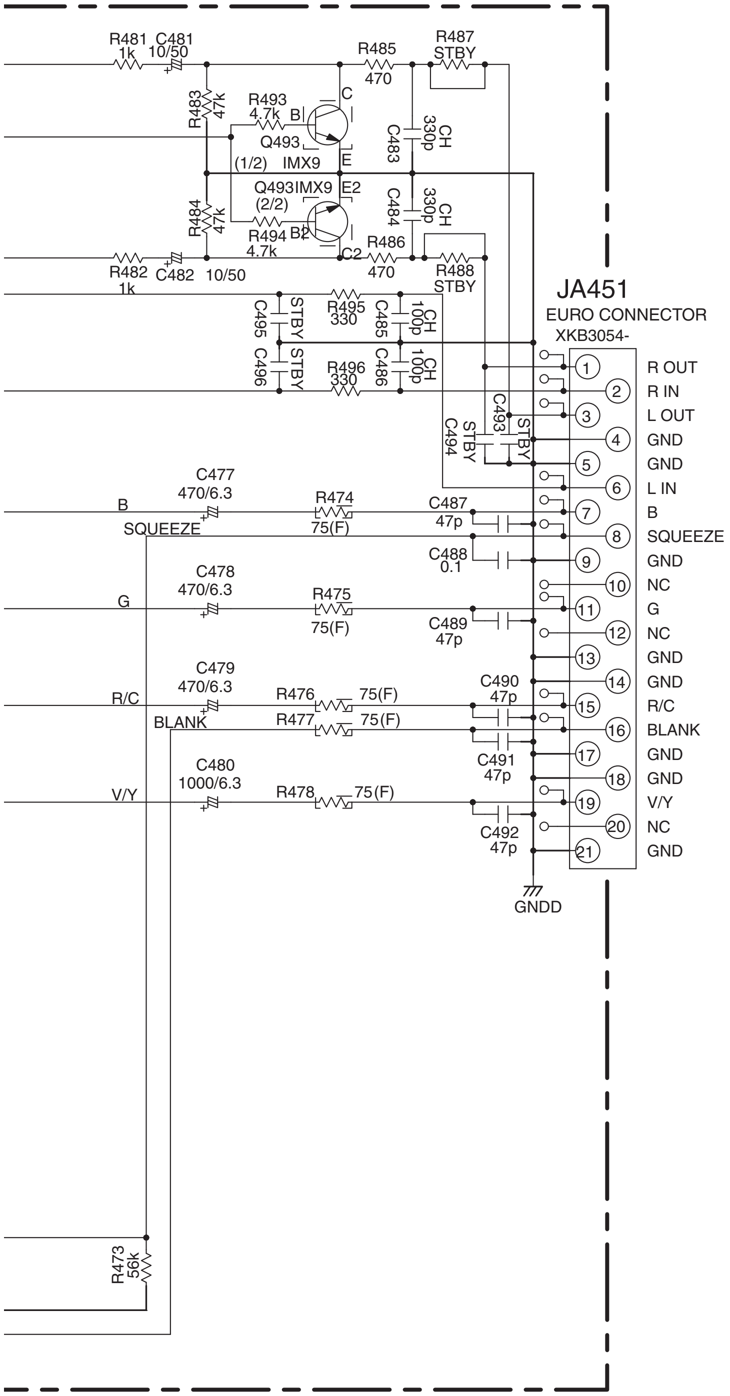

XV-DV385K,
XV-DV395K
MIC AMP
VA+10
IC3921
NJM4565MD
(2/2)
(1/2)
C3928 680p CH
R3925 47K
C3929 2.2/50 AT-TS
C3930 2.2/50 AT-TS
VR3921 XCS3007
IC3921 NJM4565MD
C3927 STBY
R3926 10k
C3925 2.2/50 JQ-TS
R3921 3.3k
R3922 3.3k
R3923 STBY
C3926 STBY
C3922 100pF CH
C3921 100pF CH
C3939 0.022 CH
L3921 CTF1306
L3922 STBY
JA3921 XKN3012
JA3922 XKN3012
(MAIN)
(SUB)
C3934 STBY
R3928 3.3k
R3927 47k
R3929 3.3k
C3933 100pF CH
C3932 0.1
C3931 AT-TS 47/16
C3938 0.1
C3937 STBY
R3931 12k
R3930 1.5k
C3936 1200p
C3935 2.2/50 JQ-TS
CHASSIS_GND
GNDA
GNDC
R5971 68
R5973 68
R5979 68
R5981 68
R5983 68
R5985 68
R5987 STBY
L5971 CTF1306
D5971 STBY
R5977 2.2k
R5975 2.2k
Q5971 RT1P241M
C5971 1000p
C5973 0.047/25
HP
JA5901 AKN7005-
Q5973 IMX9 (2/2)
Q5973 IMX9 (1/2)
Q5974 IMX9 (1/2)
Q5974 IMX9 (2/2)
E2 C2 B2 B C E CC
D5972 STBY
R5976 2.2k
R5978 2.2k
R5989 STBY
L5973 STBY
C5977 0.01/50
C5978 STBY
C5979 STBY
C5972 1000p
C5974 0.047/25
R5972 68
R5974 68
R5980 68
R5982 68
R5984 68
R5986 68
L5972 CTF1306
R5988 STBY
R5990 68
L5974 CTF1306
GNDD
USB
V5USB
JA602 XKB3056
L601 STBY
L603 STBY
L602 STBY
C603 STBY
R602 STBY
R603 STBY
+5V
D-
D+
GND
R604 STBY
R605 STBY
C602 220/6.3
C601 0.1
D601 UMZU6.2N
C604 STBY
C605 0.1
GNDUSB
CHASSIS_GND
GNDUSB

10.9 EUROSCART ASSY

D EURO SCART ASSY (AWU8291)



B 3/5 CN451
VSEL1 1
SQEEZE 2
V+10 3
TVOUT_R 4
GND 5
TVOUT_L 6
TVMUTE 7
SCART_R 8
GND 9
SCART_L 10
V+5 11
VSEL2 12
B 13
GND 14
G 15
GND 16
R 17
DVDPOWER 18
S_C 19
GND 20
V 21
GND 22
S_Y 23
CKS3388
CN461
GNDD
V+10
V+5
Q492
RT1P241M
GNDD
V+5
D471
DAP202U
D472
DAN202U
D473
DAP202U
D474
DAN202U
IC471
MM1505XN-TRB
C471
10/50
C472
0.1
C475
0.1
IC472
MM1507XN-TRB
C473
0.1
C474
0.1
C476
0.1
H
L
4 5 6
3 2 1
V+5
V+5
GNDD
SQUEEZE
V+10
R466 10k
R467 1.2k
R468 1.2k
R469 1k
C470 0.1
GNDD
R470 820
R471 560
Q462 (1/2)
RT3WLMM
R464 4.7k
B C E
C465 STBY
E2
B2
C2
Q462 (2/2)
RT3WLMM
R472 22k
Q472
RT1N241M
Q463
RT1P441M
BLACK
V+5
R461 22k
Q461 (1/2)
RT3WLMM
R462 1.2k
B2
E2
C2
Q461 (2/2)
RT3WLMM
R463 4.7k
C469 STBY
R465 56k
C464 0.1
GNDD



R481
1k
C481
10/50
R485
470
R487
STBY
R483
47k
R493
4.7k
B1
C
Q493
(1/2)
IMX9
E
C483
330p
CH
Q493IMX9
(2/2)
E2
C484
330p
CH
R484
47k
R494
4.7k
B2
C2
R486
470
R488
STBY
R482
1k
C482
10/50
C495
STBY
R495
330
C485
100p
CH
C496
STBY
R496
330
C486
100p
CH
C493
STBY
C494
STBY
JA451
EURO CONNECTOR
XKB3054-
1 R OUT
2 R IN
3 L OUT
4 GND
5 GND
6 L IN
7 B
8 SQUEEZE
9 GND
10 NC
11 G
12 NC
13 GND
14 GND
15 R/C
16 BLANK
17 GND
18 GND
19 V/Y
20 NC
21 GND
C477
470/6.3
B
SQUEEZE
R474
75(F)
C487
47p
C488
0.1
C478
470/6.3
G
R475
75(F)
C489
47p
C479
470/6.3
R/C
BLANK
R476
75(F)
R477
75(F)
C490
47p
C491
47p
C480
1000/6.3
V/Y
R478
75(F)
C492
47p
GNDD
R473
56k

NOTES

ALL CAPACITORS ARE IN μF

UNLESS OTHERWISE SPECIFIED

CKSRYB**K50

JQ : CEJQ**M**

AL : CEAL**M**

AT : CEAT**M**

ALL RESISTORS ARE IN Ω

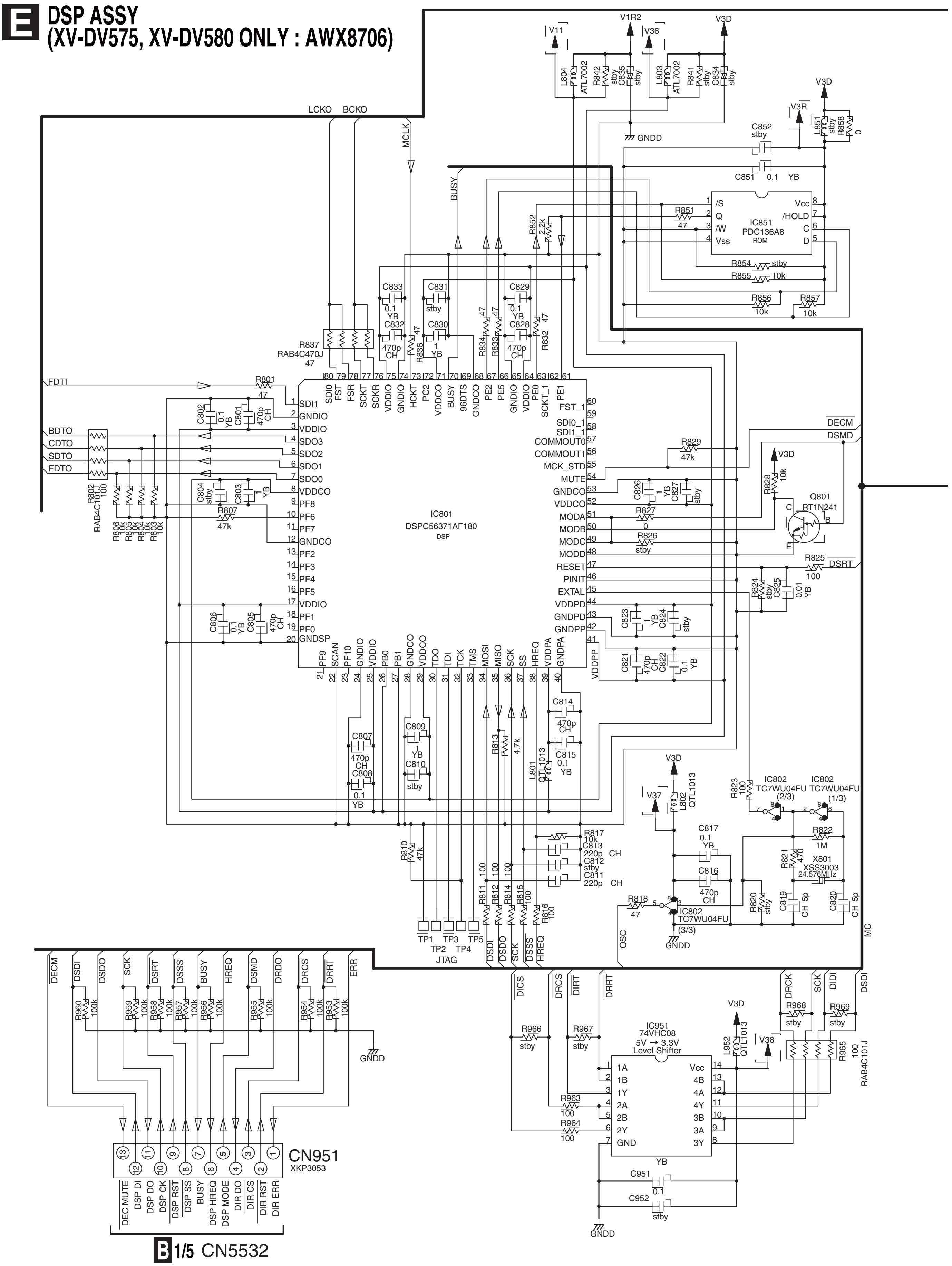
RS1/16S***J

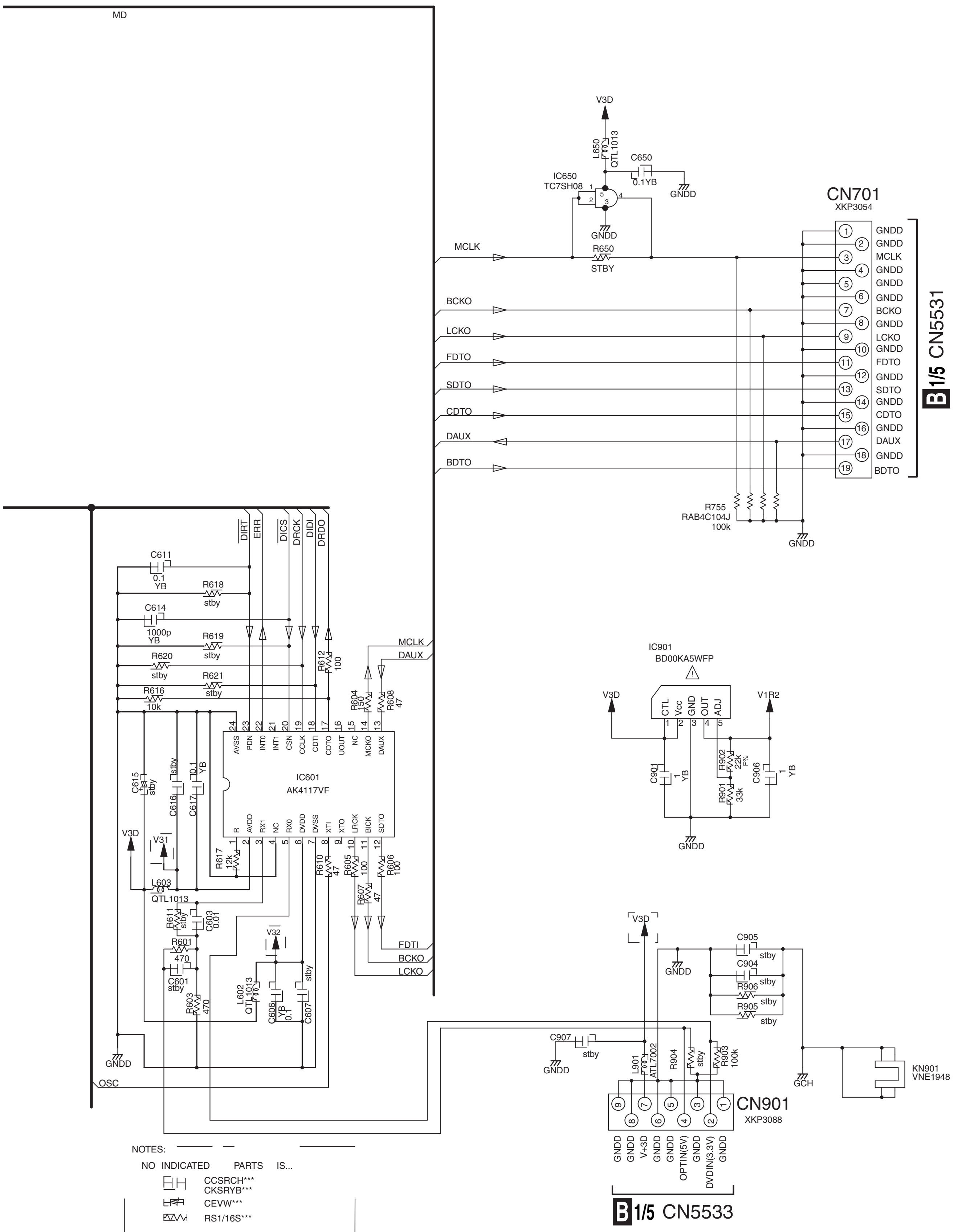
RS1/10S***J

ALL INDUCTORS ARE IN μH

LCYA***J2520

10.10 DSP ASSY (XV-DV575, XV-DV580 ONLY)


E DSP ASSY
(XV-DV575, XV-DV580 ONLY : AWX8706)
V11
V1R2
V36
V3D
L804
ATL7002
R842 stby
C835 stby
L803
ATL7002
R841 stby
C834 stby
GNDD
V3D
V3R
L851 stby
R858 0
C852 stby
C851 0.1 YB
LCKO
BCKO
MCLK
BUSY
R852 2.2k
IC851
PDC136A8
ROM
/S
Q
/W
Vss
Vcc
/HOLD
C
D
R851 47
R854 stby
R855 10k
R856 10k
R857 10k
C833 0.1 YB
C832 470p CH
C831 stby
C830 1 YB
C829 0.1 YB
C828 470p CH
R836 47
R834 47
R833 47
R832 47
R837
RAB4C470J
47
FDTI
R801 47
BDTO
CDTO
SDTO
FDTO
R802
RAB4C101J
100
C802 0.1 YB
C801 470p CH
C804 stby
C803 1 YB
R807 47k
R806 10k
R805 10k
R804 10k
R803 10k
C806 0.1 YB
C805 470p CH
IC801
DSPC56371AF180
DSP
SDI1
GNDIO
VDDIO
SDO3
SDO2
SDO1
SDO0
VDDCO
PF8
PF6
PF7
GNDCO
PF2
PF3
PF4
PF5
VDDIO
PF1
PF0
GNDSP
SDI0
FST
FSR
SCKT
SCKR
VDDIO
GNDIO
HCKT
PC2
VDDCO
BUSY
96DTS
GNDCO
PE2
PE5
GNDIO
VDDIO
PE0
SCKT_1
PE1
FST_1
SDI0_1
SDI1_1
COMMOUT0
COMMOUT1
MCK_STD
MUTE
GNDCO
VDDCO
MODA
MODB
MODC
MODD
RESET
PINIT
EXTAL
VDDPD
GNDPD
GNDPP
VDDPP
PF9
SCAN
PF10
GNDIO
VDDIO
PB0
PB1
GNDCO
VDDCO
TDO
TDI
TCK
TMS
MOSI
MISO
SCK
SS
HREQ
VDDPA
GNDPA
DECM
DSMD
R829 47k
V3D
R828 10k
Q801
RT1N241
C
B
E
C826 1 YB
C827 stby
R827 0
R826 stby
R825 100
DSRT
R824 stby
C825 0.01 YB
C823 1 YB
C824 stby
C821 470p CH
C822 0.1 YB
C814 470p CH
C815 0.1 YB
C807 470p CH
C808 0.1 YB
C809 1 YB
C810 stby
R813 4.7k
L801 QTL1013
V3D
V37
L802 QTL1013
R823 100
IC802 TC7WU04FU (2/3)
IC802 TC7WU04FU (1/3)
R822 1M
R821 470
X801 XSS3003 24.576MHz
C817 0.1 YB
C816 470p CH
R817 10k
C813 220p CH
C812 stby
C811 220p CH
R810 47k
R811 100
R812 100
R814 100
R815 100
R816 100
R818 47
IC802 TC7WU04FU (3/3)
GNDD
R820 stby
C819 5p CH
C820 5p CH
TP1 TP2 TP3 TP4 TP5
JTAG
DSDI
DSDO
SCK
DSSS
HREQ
OSC
MC
DECM
DSDI
DSDO
SCK
DSRT
DSSS
BUSY
HREQ
DSMD
DRDO
DRCS
DRRT
ERR
R960 100k
R959 100k
R958 100k
R957 100k
R956 100k
R955 100k
R954 100k
R953 100k
GNDD
CN951
XKP3053
DEC MUTE
DSP DI
DSP DO
DSP CK
DSP RST
DSP SS
BUSY
DSP HREQ
DSP MODE
DIR DO
DIR CS
DIR RST
DIR ERR
B 1/5 CN5532
DICS
DRCS
DIRT
DRRT
DRCK
SCK
DIDI
DSDI
R966 stby
R967 stby
R968 stby
R969 stby
IC951
74VHC08
5V → 3.3V
Level Shifter
1A
1B
1Y
2A
2B
2Y
GND
Vcc
4B
4A
4Y
3B
3A
3Y
R963 100
R964 100
V3D
L952 QTL1013
V38
R965 100 RAB4C101J
YB
C951 0.1
C952 stby
GNDD


MD
V3D
L650
QTL1013
C650
0.1YB
GNDD
IC650
TC7SH08
1
2
3
4
5
GNDD
R650
STBY
MCLK
BCKO
LCKO
FDTO
SDTO
CDTO
DAUX
BDTO
CN701
XKP3054
1 GNDD
2 GNDD
3 MCLK
4 GNDD
5 GNDD
6 GNDD
7 BCKO
8 GNDD
9 LCKO
10 GNDD
11 FDTO
12 GNDD
13 SDTO
14 GNDD
15 CDTO
16 GNDD
17 DAUX
18 GNDD
19 BDTO
B 1/5 CN5531
R755
RAB4C104J
100k
GNDD
DIRT
ERR
DICS
DRCK
DIDI
DRDO
C611
0.1
YB
R618
stby
C614
1000p
YB
R619
stby
R620
stby
R621
stby
R616
10k
R612
100
MCLK
DAUX
R604
150
R608
47
AVSS 24
PDN 23
INT0 22
INT1 21
CSN 20
CCLK 19
CDTI 18
CDTO 17
UOUT 16
NC 15
MCKO 14
DAUX 13
IC601
AK4117VF
R 1
AVDD 2
RX1 3
NC 4
RX0 5
DVDD 6
DVSS 7
XTI 8
XTO 9
LRCK 10
BICK 11
SDTO 12
C615
stby
C616
stby
C617
0.1
YB
V3D
V31
R617
12k
L603
QTL1013
R610
47
R605
100
R606
100
R607
47
R611
stby
C603
0.01
R601
470
C601
stby
R603
470
V32
L602
QTL1013
C606
YB
0.1
C607
stby
FDTI
BCKO
LCKO
GNDD
OSC
IC901
BD00KA5WFP
V3D
V1R2
CTL 1
Vcc 2
GND 3
OUT 4
ADJ 5
C901
1
YB
R902
22k
F%
C906
1
YB
R901
33k
GNDD
V3D
C905
stby
C904
stby
R906
stby
R905
stby
GNDD
C907
stby
GNDD
L901
ATL7002
R904
stby
R903
100k
GCH
KN901
VNE1948
CN901
XKP3088
9 GNDD
8 GNDD
7 V+3D
6 GNDD
5 GNDD
4 OPTIN(5V)
3 GNDD
2 DVDIN(3.3V)
1 GNDD
B 1/5 CN5533

NOTES:

NO INDICATED PARTS IS...

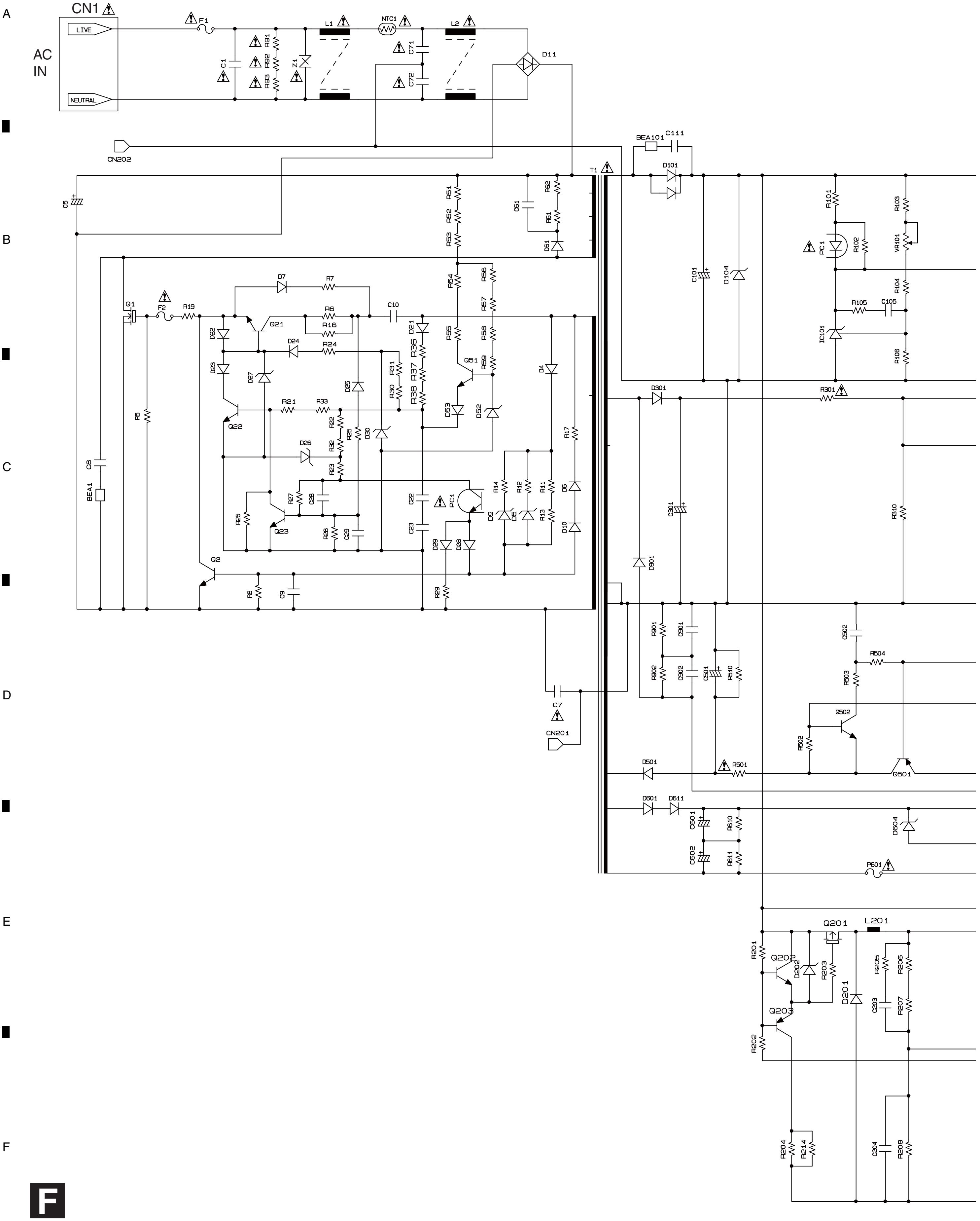
CCSRCH***
CKSRYB***

CEVW***

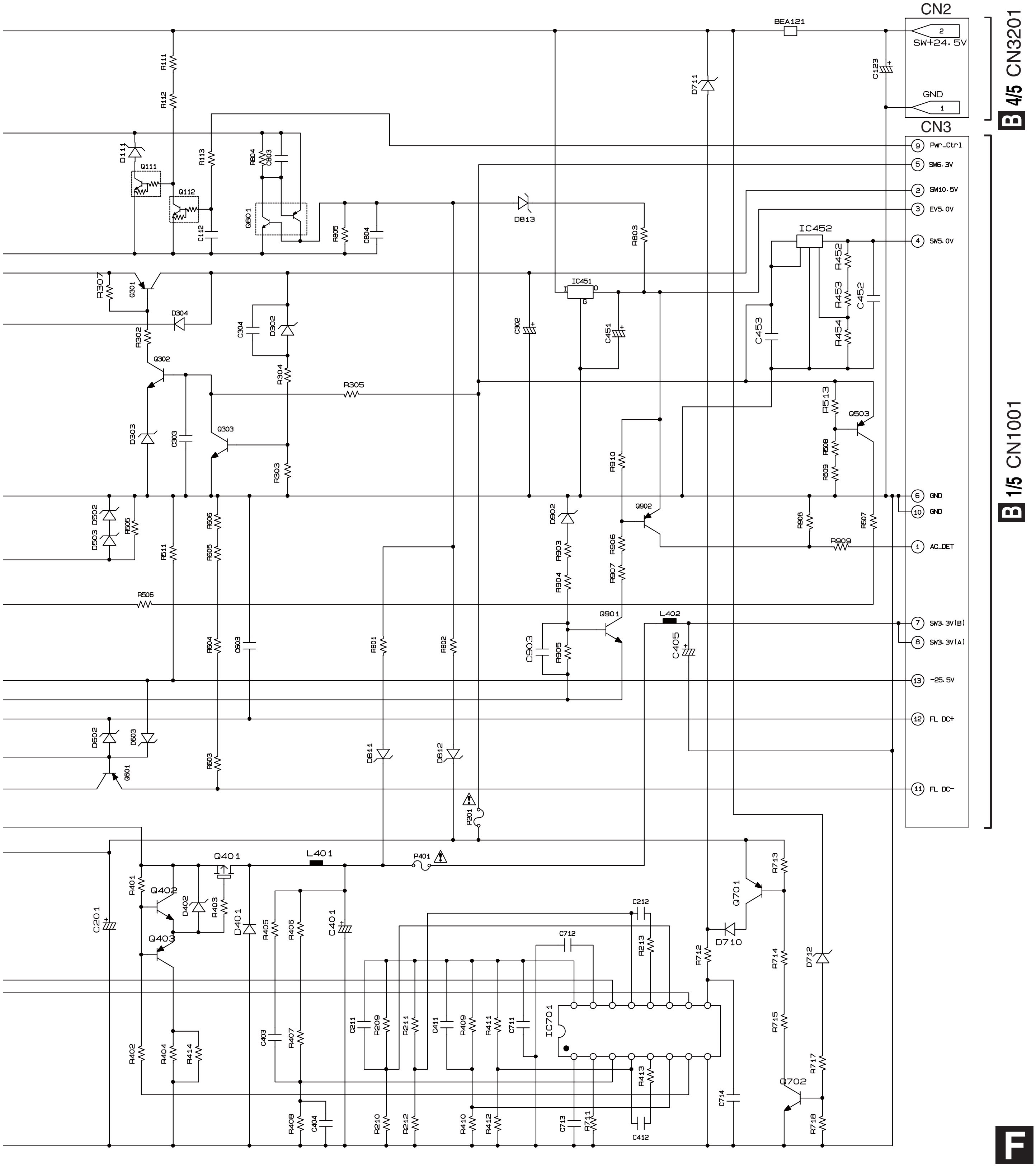
RS1/16S***

UNLESS OTHERWISE NOTED

10.11 POWER SUPPLY UNIT


A
B
C
D
E
F
CN1
AC
IN
LIVE
NEUTRAL
F1
C1
R91
R92
R93
Z1
L1
NTC1
C71
C72
L2
D11
CN202
BEA101
C111
D101
T1
C5
R51
R52
R53
C61
R62
R61
D61
C101
D104
R101
PC1
R102
R103
VR101
R104
R105
C105
IC101
R106
Q1
F2
R19
D7
R7
R6
R16
C10
Q21
D22
D23
D24
R24
D27
R21
R33
Q22
R31
R30
R36
R37
R38
D25
R22
R25
D30
D26
R32
R23
R56
R54
R57
R55
R58
Q51
R59
D21
D53
D52
D4
R17
R5
C8
BEA1
R26
R27
C28
Q23
R28
C29
C22
C23
R14
R12
R11
D9
D5
R13
D6
D10
D29
D28
Q2
R8
C9
R29
D301
R301
R310
C301
D901
R901
C901
R902
C902
C501
R510
C502
R504
R503
Q502
R502
C7
CN201
D501
R501
Q501
D601
D611
C601
R610
D604
C602
R611
P601
Q201
L201
R201
Q202
D202
R203
D201
R205
R206
C203
R207
Q203
R202
R204
R214
C204
R208

F POWER SUPPLY UNIT (XWR3018)



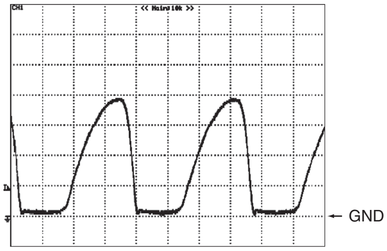
A
B
C
D
E
F
CN2
BEA121
2
SW+24.5V
GND
1
C123
D711
B 4/5 CN3201
CN3
9 Pwr_Ctrl
5 SW6.3V
2 SW10.5V
3 EV5.0V
4 SW5.0V
6 GND
10 GND
1 AC_DET
7 SW3.3V(B)
8 SW3.3V(A)
13 -25.5V
12 FL DC+
11 FL DC-
B 1/5 CN1001
R111
R112
R113
R804
C803
D111
Q111
Q112
C112
Q801
R805
C804
D813
R803
IC452
R452
R453
C452
R454
C453
IC451
I
O
G
C302
C451
R307
Q301
D304
R302
C304
D302
Q302
R304
R305
D303
C303
Q303
R303
R513
Q503
R508
R509
R910
Q902
D902
R908
R507
R909
D502
D503
R505
R511
R506
R605
R903
R906
R904
R907
R506
Q901
L402
C903
R905
R604
C603
R801
R802
C405
D602
D603
Q601
R603
D811
D812
R201
Q401
L401
P401
R401
Q402
D402
R403
D401
R405
R406
C401
C201
Q403
C212
C712
R213
Q701
R713
D710
R712
R714
D712
IC701
C211
R209
R211
C411
R409
R411
C711
R715
R717
C403
R407
R402
R404
R414
R413
Q702
C714
R408
C404
R210
R212
R410
R412
C713
R711
C412
R718

10.12 WAVEFORMS

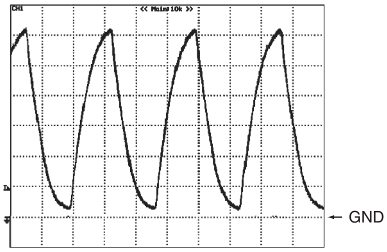
Note : The encircled numbers denote measuring point in the schematic diagram.

A 08 DVDM ASSY

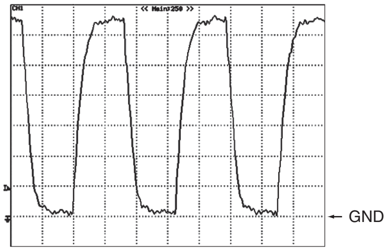
⓪ **X201 [XTALO]**
V: 0.5 V/div. H: 10 ns/div.
It must be mesured by High-impedance probe.



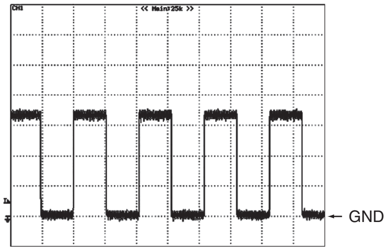
① **IC201 - pin 231 [ACLK]**
V: 0.5 V/div. H: 10 ns/div.
It must be mesured by High-impedance probe.



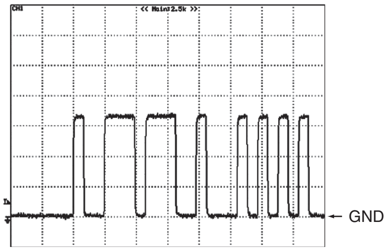
② **IC201 - pin 230 [ABCK]**
V: 0.5 V/div. H: 50 ns/div.
It must be mesured by High-impedance probe.



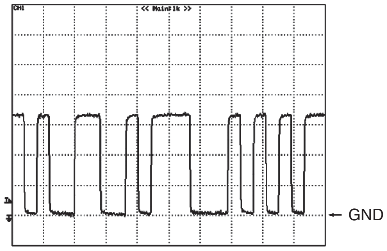
③ **IC201 - pin 227 [ALRCK]**
V: 1 V/div. H: 5 µs/div.
It must be mesured by High-impedance probe.



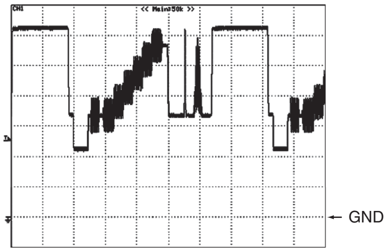
④ **IC201 - pin 226, 225, 223 [ASDATA0/1/2]**
V: 1 V/div. H: 500 ns/div.
It must be mesured by High-impedance probe.



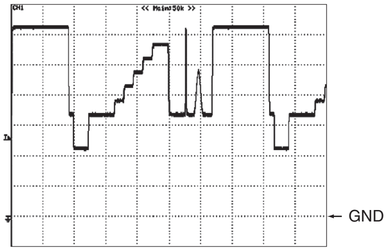
⑤ **IC201 - pin 215 [ASPDIF]**
V: 1 V/div. H: 200 ns/div.
It must be mesured by High-impedance probe.



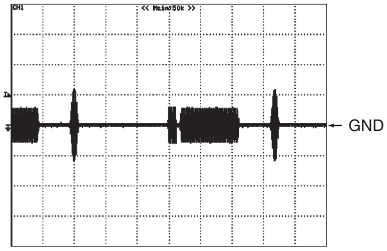
⑥ **IC401 - pin 23 [CVBSOUT]**
V: 0.5 V/div. H: 10 µs/div.
Playing DVD-REF-A1 Tr.2 Cp.1



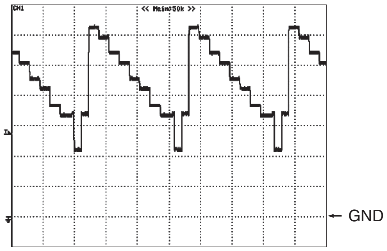
⑦ **IC401 - pin 21 [YOUT]**
V: 0.5 V/div. H: 10 µs/div.
Playing DVD-REF-A1 Tr.2 Cp.1



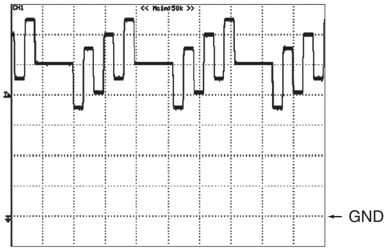
⑧ **IC401 - pin 26 [COUT]**
V: 0.5 V/div. H: 10 µs/div.
Playing DVD-REF-A1 Tr.2 Cp.1



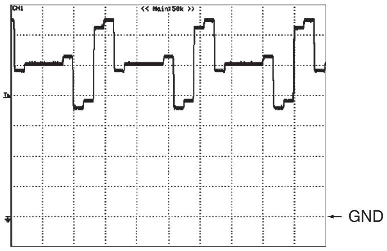
⑨ **IC401 - pin 20 [CYOUT]**
V: 0.5 V/div. H: 10 µs/div.
Playing DVD-REF-A1 Tr.2 Cp.19, Progressive output



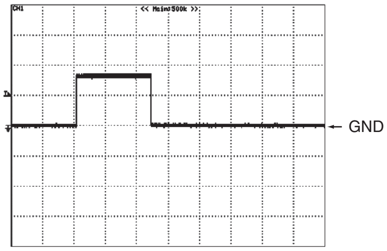
⑩ **IC401 - pin 18 [CbOUT]**
V: 0.5 V/div. H: 10 µs/div.
Playing DVD-REF-A1 Tr.2 Cp.19, Progressive output



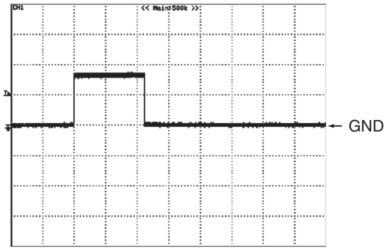
⑪ **IC401 - pin 16 [CrOUT]**
V: 0.5 V/div. H: 10 µs/div.
Playing DVD-REF-A1 Tr.2 Cp.19, Progressive output



⑫ **IC201 - pin 38 [TROPEN]**
V: 2 V/div. H: 500 ms/div.
Tray closing

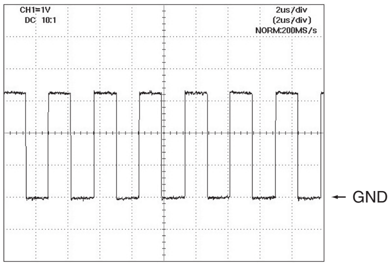


⑬ **IC201 - pin 202 [TRCLOSE]**
V: 2 V/div. H: 500 ms/div.
Tray opening

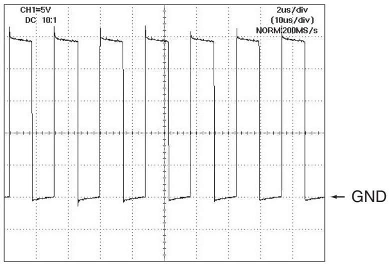


B SYSMAIN ASSY

① **IC3201, IC3301, IC3401 [PWM_M, PWM_P]**
V: 1 V/div. H: 2 µsec/div.



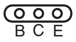
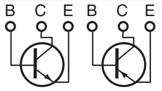
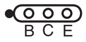
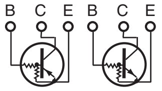
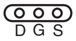
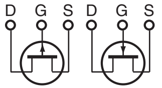
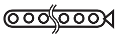
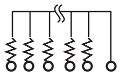
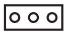
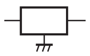
② **IC3201, IC3301, IC3401 [OUT_A, B, C, D]**
V: 5 V/div. H: 2 µsec/div.



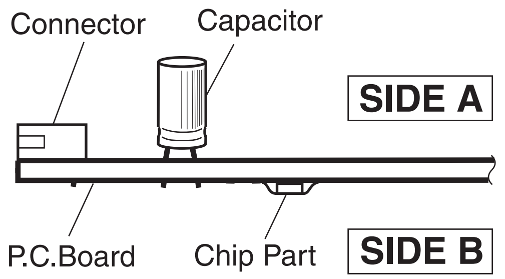
11. PCB CONNECTION DIAGRAM

NOTE FOR PCB DIAGRAMS :

1. Part numbers in PCB diagrams match those in the schematic diagrams.
2. A comparison between the main parts of PCB and schematic diagrams is shown below.

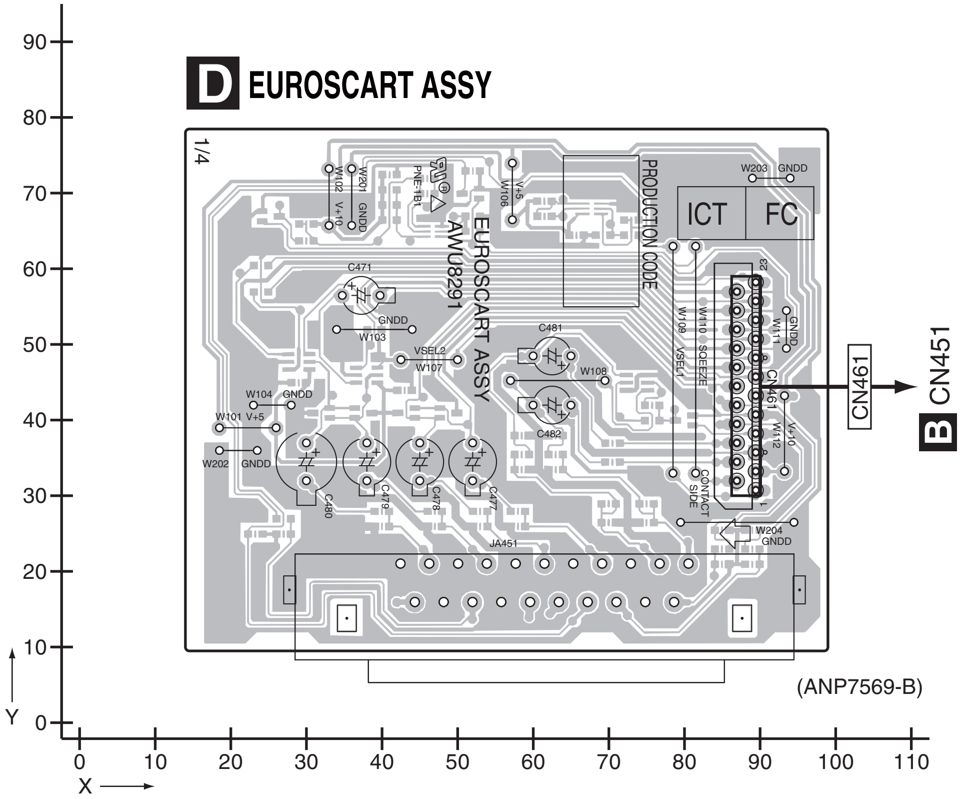
Symbol In PCB Diagrams	Symbol In Schematic Diagrams	Part Name
		Transistor
		Transistor with resistor
		Field effect transistor
		Resistor array
		3-terminal regulator

3. The parts mounted on this PCB include all necessary parts for several destinations. For further information for respective destinations, be sure to check with the schematic diagram.
4. View point of PCB diagrams.

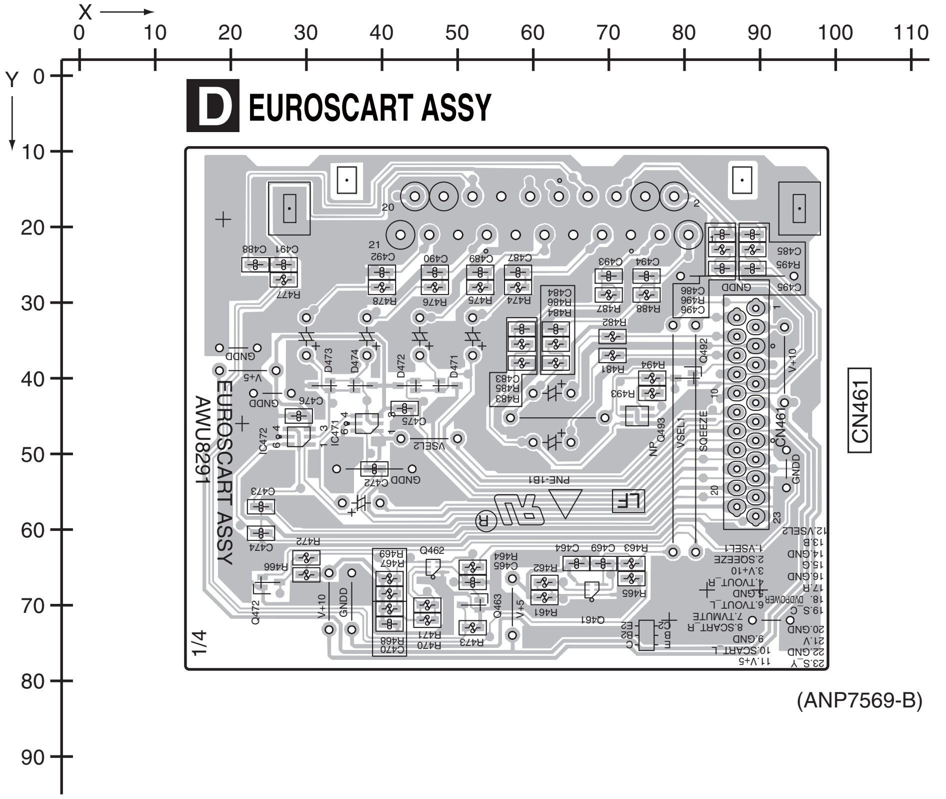

Connector
Capacitor
SIDE A
P.C.Board
Chip Part
SIDE B

11.1 EUROSCART ASSY

SIDE A **SIDE A**


D EUROSCART ASSY
1/4
EUROSCART ASSY
AWU8291
PRODUCTION CODE
ICT
FC
W203 GNDD
W102 V+10
W201 GNDD
PNE-1B1
W106 V+5
C471
GNDD
W103
C481
VSEL2
W107
W108
C482
W104 GNDD
W101 V+5
W202 GNDD
C480
C479
C478
C477
W109 VSEL1
W110 SQEEZE
CONTACT SIDE
W111 GNDD
W112 V+10
CN461
23
1
W204 GNDD
JA451
CN461
B CN451
(ANP7569-B)
90
80
70
60
50
40
30
20
10
0
Y
0
10
20
30
40
50
60
70
80
90
100
110
X

SIDE B **SIDE B**


X
0
10
20
30
40
50
60
70
80
90
100
110
Y
0
10
20
30
40
50
60
70
80
90
D EUROSCART ASSY
EUROSCART ASSY
AWU8291
1/4
20
21
2
C488
C491
R477
C492
R478
C490
R476
C489
R475
C487
R474
C484
R486
R484
C493
R487
C494
R488
C486
R496
C485
R495
C496
GNDD
R482
R481
C483
R485
R483
R494
R493
Q492
Q493
NP
D473
D474
D472
D471
GNDD
V+5
GNDD
C476
IC472
IC471
C475
VSEL2
C472
GNDD
C473
C474
R472
R466
Q472
R467
R469
R468
R470
Q462
R471
R473
R464
C465
Q463
R462
R461
C464
C469
R463
R465
Q461
V+10
GNDD
V+5
PNE-1B1
LF
VSEL1
SQEEZE
CN461
V+10
GNDD
20
23
12.VSEL2
13.B
14.GND
15.G
16.GND
17.R
18.DVDPOWER
19.S_C
20.GND
21.V
22.GND
23.S_Y
1.VSEL1
2.SQEEZE
3.V+10
4.TVOUT_R
5.GND
6.TVOUT_L
7.TVMUTE
8.SCART_R
9.GND
10.SCART_L
11.V+5
CN461
(ANP7569-B)

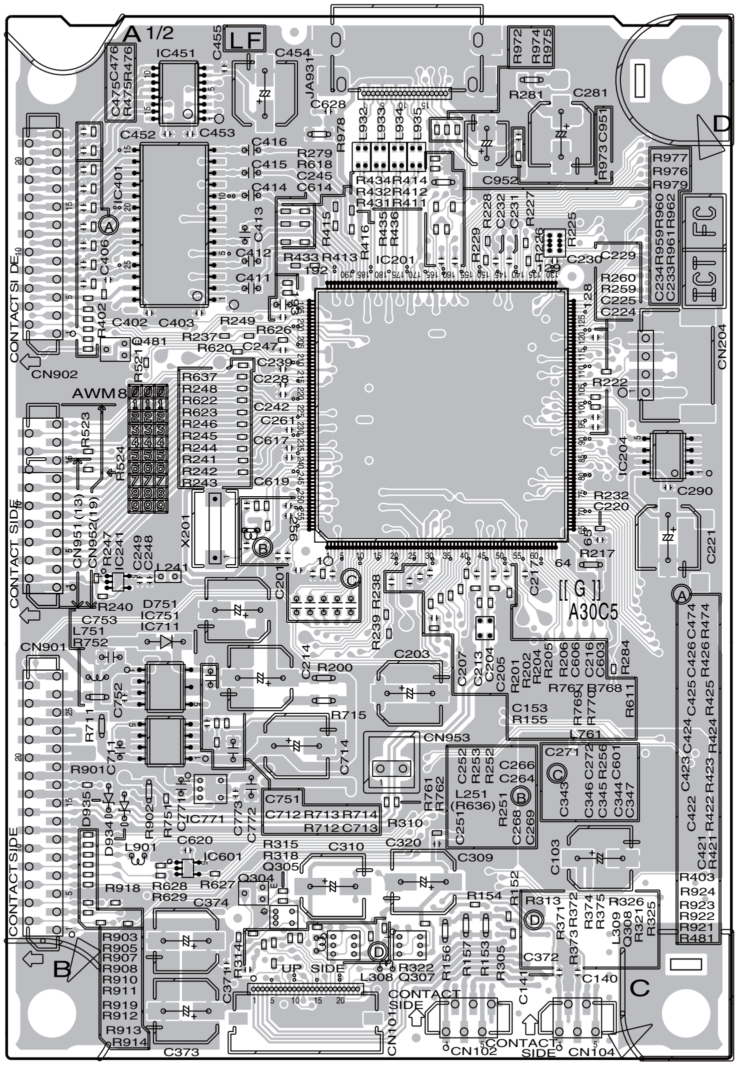
D **D**

11.2 08 DVDM ASSY

SIDE A **SIDE A**

A 08 DVDM ASSY

IC	Q
IC451	
IC401	
IC201	
	Q481
IC204	
IC241	
IC751	
IC711	
IC771	
IC601	Q304
	Q305
	Q308
	Q307

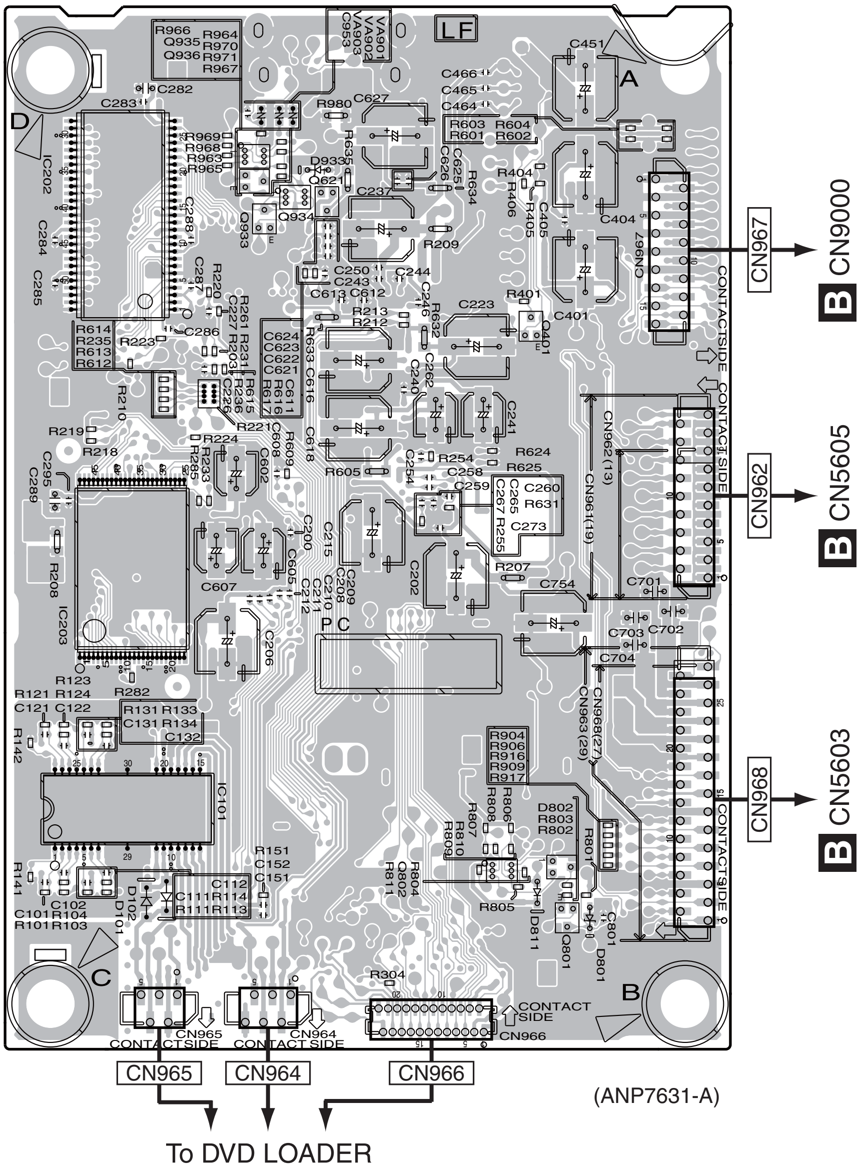

A 1/2
LF
IC451
IC401
IC201
IC204
IC241
IC751
IC711
IC771
IC601
Q481
Q304
Q305
Q307
Q308
X201
AWM8
CN902
CN901
CN204
CN953
CN101
CN102
CN104
CN951 (13)
CN952 (19)
CONTACT SIDE
UP SIDE
ICT
FC
[[G]]
A30C5
A
B
C
D

(ANP7631-A)

SIDE B **SIDE B**

A 08 DVDM ASSY

IC	Q
	Q935
	Q936
IC202	Q621
	Q934
	Q933
	Q401
IC203	
IC101	
	Q802
	Q801



LF
VA901
VA902
VA903
C953
R966 R964
Q935 R970
Q936 R971
R967
C282
C283
D
IC202
C284
C285
R969
R968
R963
R965
Q933
Q934
C288
C287
R220
R614
R235
R613
R612
R223
R210
R261 R231
C227 R203
R615
R236
C226
C624
C623
C622
C621
R617 R616 C611
R633 C616
C618
R609
C608
C602
R221
R224
R233
R285
R219
R218
C295
C289
R208
IC203
C607
C605
C200
C215
C206
C202
C209
C208
C210
C211
C212
PC
R980
C627
R635
D933
Q621
C237
C625
C626
R634
C250
C243
C244
C613
C612
R213
R212
R632
C246
R209
C223
C262
C240
C241
R624
R625
R605
C254
R254
C258
C259
C260
C265
C267
R631
R255
C273
R207
C754
C466
C465
C464
R603 R604
R601 R602
R404
R405
R406
C405
C451
A
C404
R401
Q401
C401
CN967
CONTACT SIDE
CN962(13)
CN961(19)
CN962
C701
C703
C702
C704
CN968(27)
CN963(29)
CN968
R904
R906
R916
R909
R917
R808
R806
R807
R810
R809
D802
R803
R802
R801
R804
Q802
R811
R805
D811
Q801
C801
D801
R123
R121 R124
C121 C122
R282
R131 R133
C131 R134
C132
R142
IC101
R151
C152
C151
C112
C111 R114
R111 R113
R141
C102
C101 R104
R101 R103
D102
D101
R304
C
B
CN965
CONTACT SIDE
CN964
CONTACT SIDE
CN966
CONTACT SIDE
CN965
CN964
CN966
B CN9000
B CN5605
B CN5603

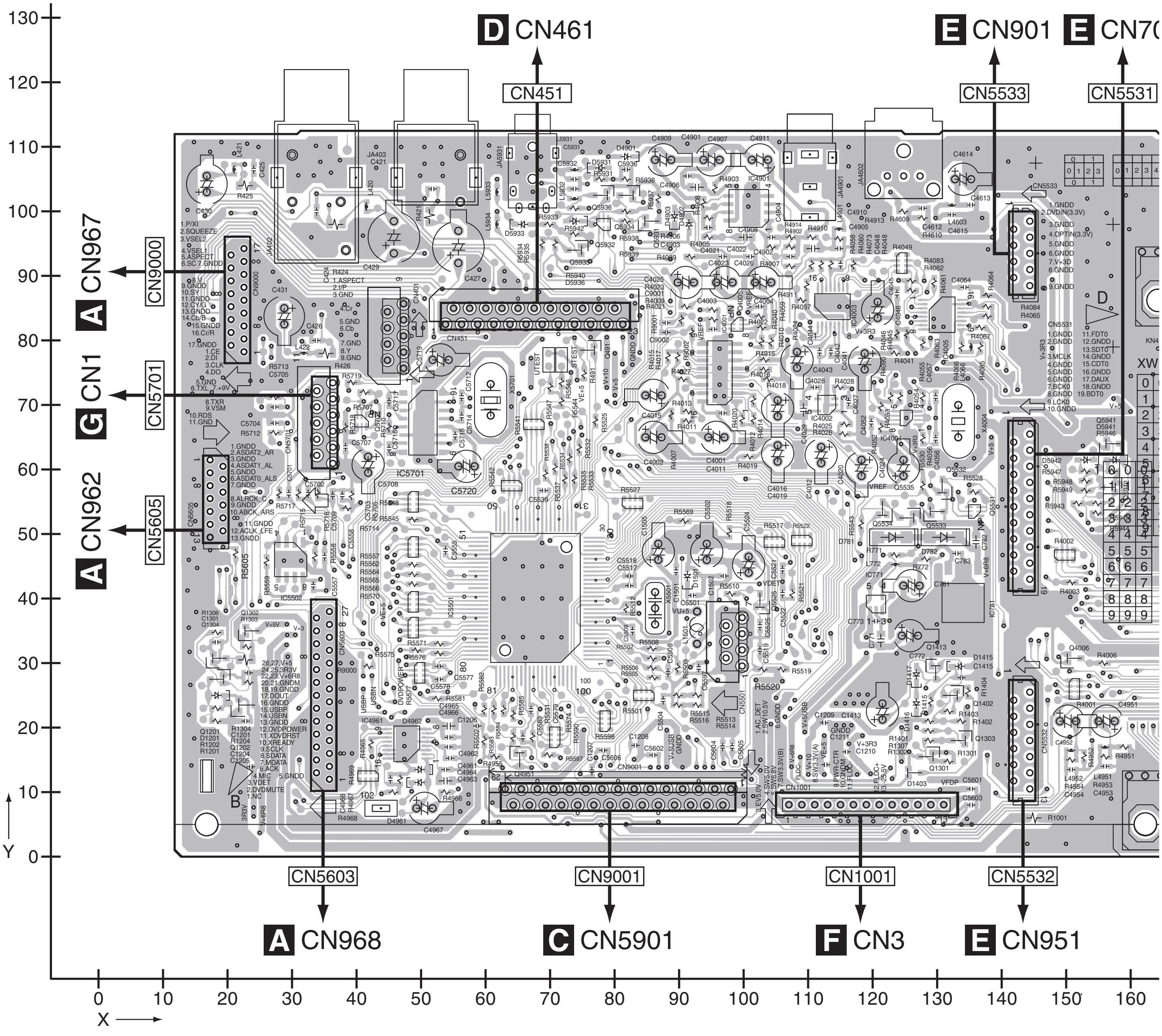
(ANP7631-A)

To DVD LOADER

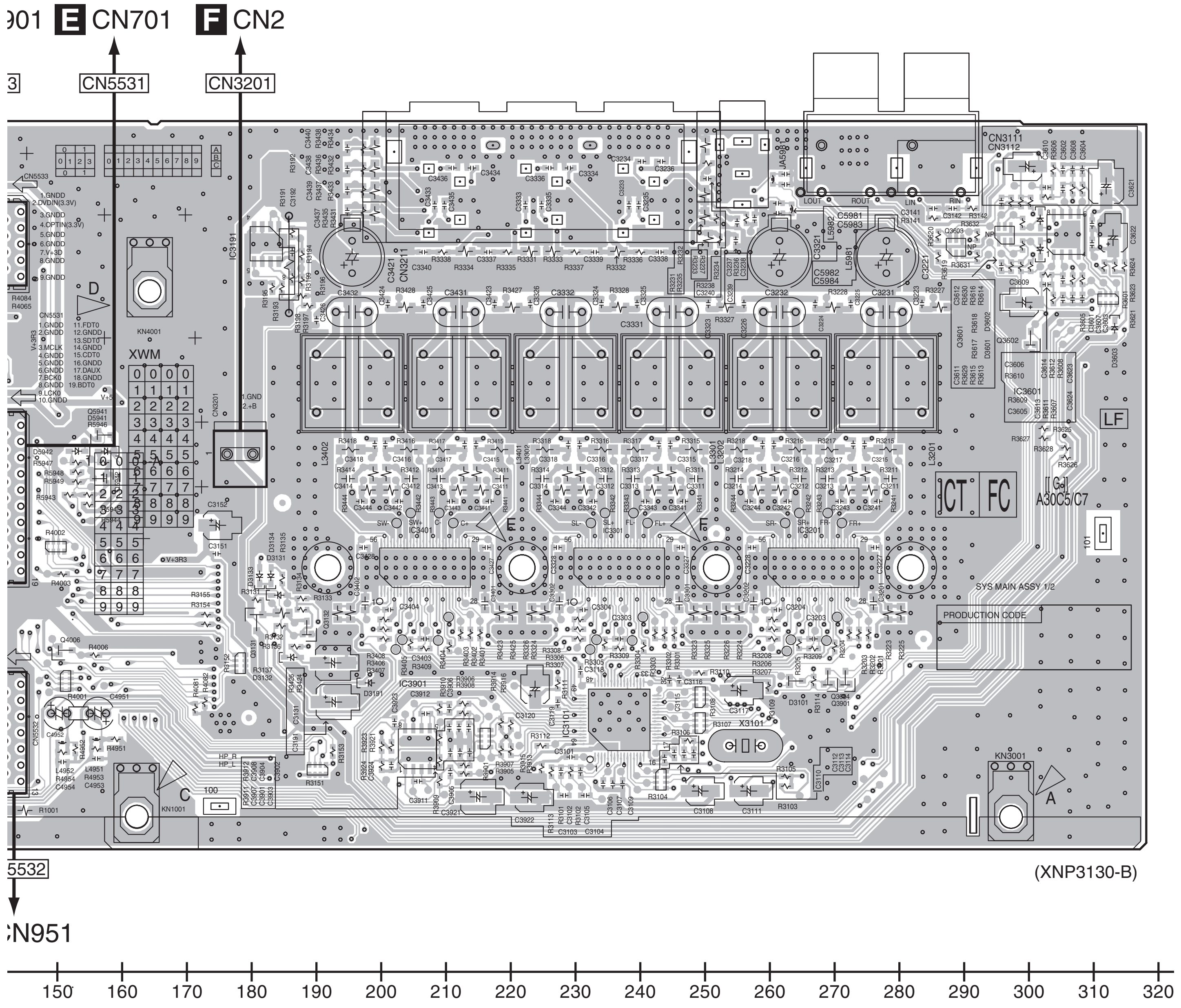
11.3 SYSMAIN ASSY

SIDE A

B SYSMAIN ASSY


D CN461
CN451
E CN901
CN5533
E CN70
CN5531
A CN967
CN9000
G CN1
CN5701
A CN962
CN5605
CN5603
A CN968
CN9001
C CN5901
CN1001
F CN3
CN5532
E CN951
IC5701
IC5501
IC5502
Y
X
0 10 20 30 40 50 60 70 80 90 100 110 120 130
0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

SIDE A

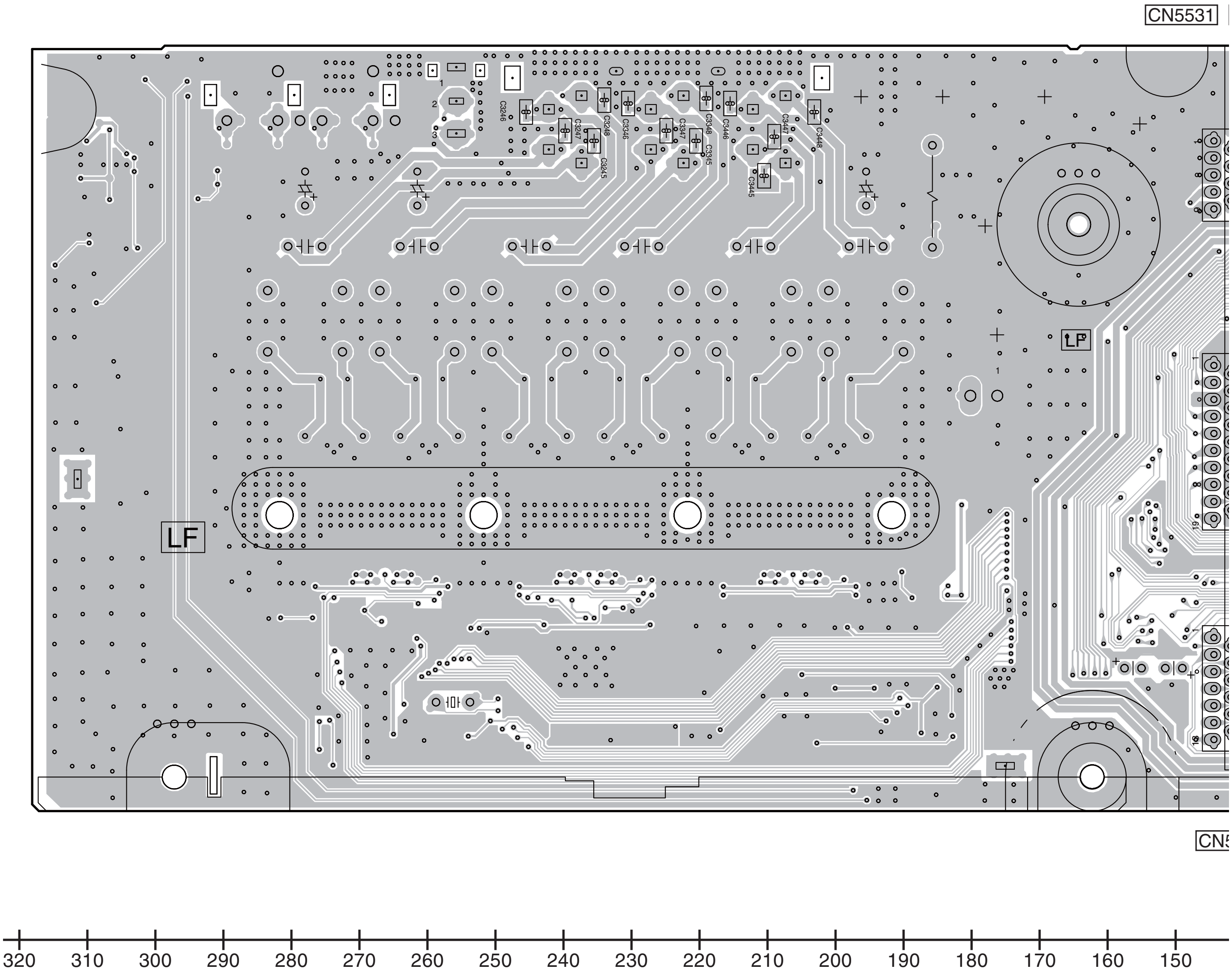

901
E CN701
F CN2
3
CN5531
CN3201
CN5533
CN5531
XWM
KN4001
D
IC3191
CN3211
CN3111
CN3112
JA5981
LOUT
ROUT
LIN
RIN
L3402
L3401
L3301
L3202
L3201
SW-
SW+
IC3401
C-
C+
E
SL-
SL+
IC3301
FL-
FL+
F
SR-
SR+
IC3201
FR-
FR+
CT
FC
LF
IC3601
A30C5/C7
SYS MAIN ASSY 1/2
PRODUCTION CODE
IC3901
IC3101
X3101
KN3001
A
C
KN1001
CN5532
HP_R
HP_L
V+3R3
5532
CN951
(XNP3130-B)
150
160
170
180
190
200
210
220
230
240
250
260
270
280
290
300
310
320

SIDE B

A

B SYSMAIN ASSY

B


CN5531
C3246
C3247
C3248
C3245
C3346
C3347
C3348
C3345
C3446
C3447
C3448
C3445
1
2
LP
1
19
LF
19
CN5
320
310
300
290
280
270
260
250
240
230
220
210
200
190
180
170
160
150

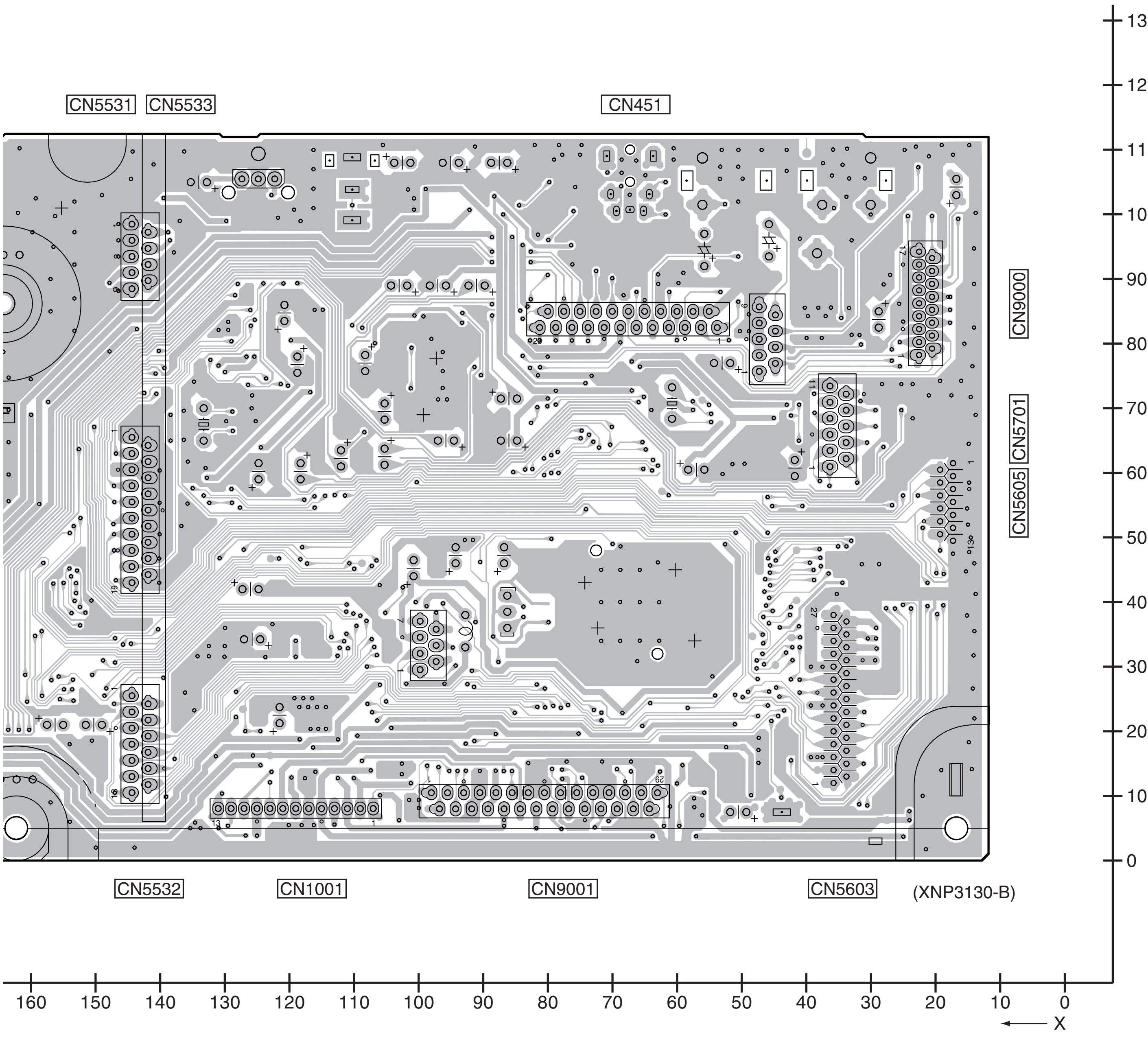
C

D

E

F

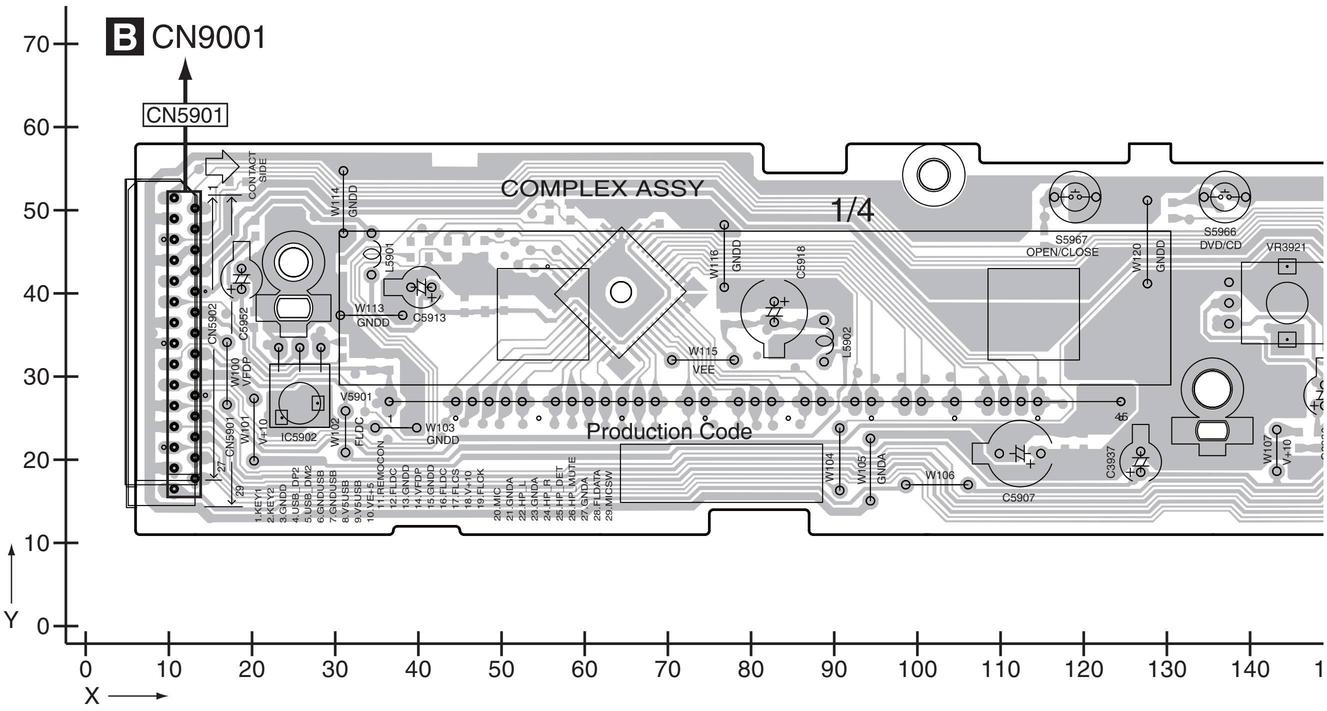
SIDE B


CN5531
CN5533
CN451
CN9000
CN5701
CN5605
CN5532
CN1001
CN9001
CN5603
(XNP3130-B)
Y
X

11.4 COMPLEX ASSY

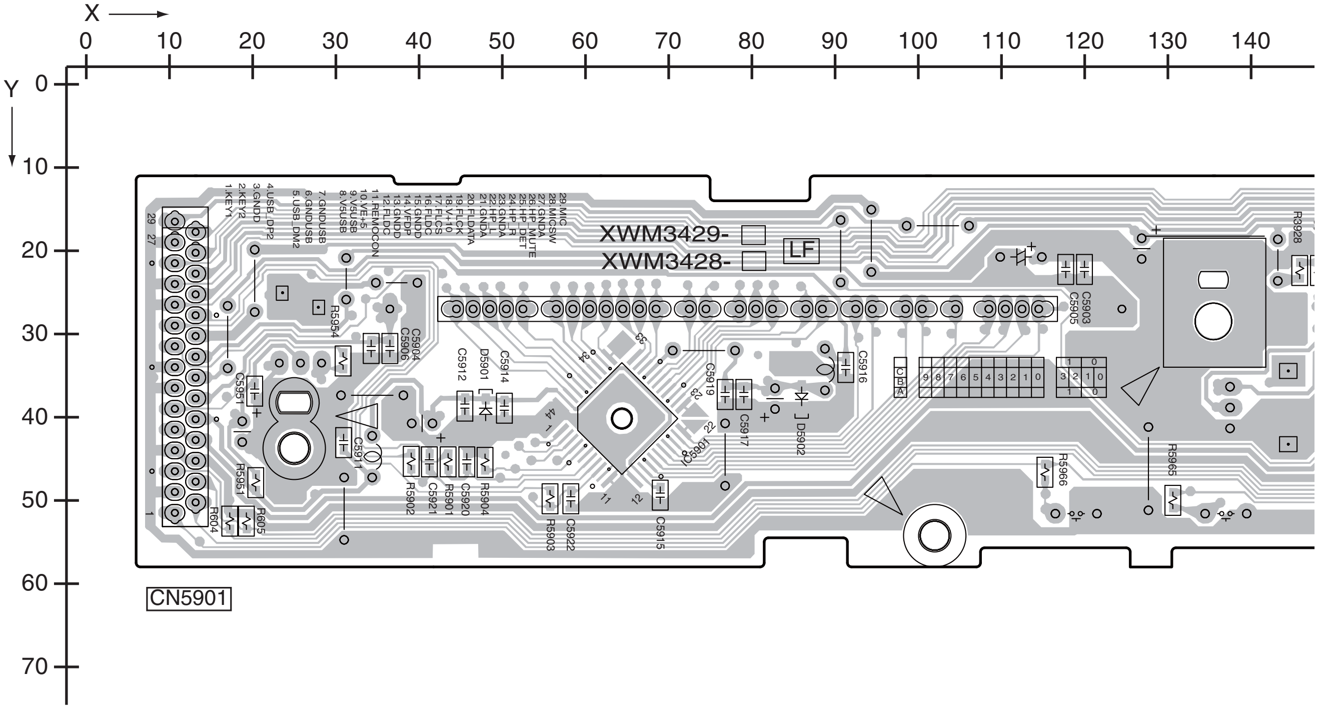
SIDE A

C COMPLEX ASSY

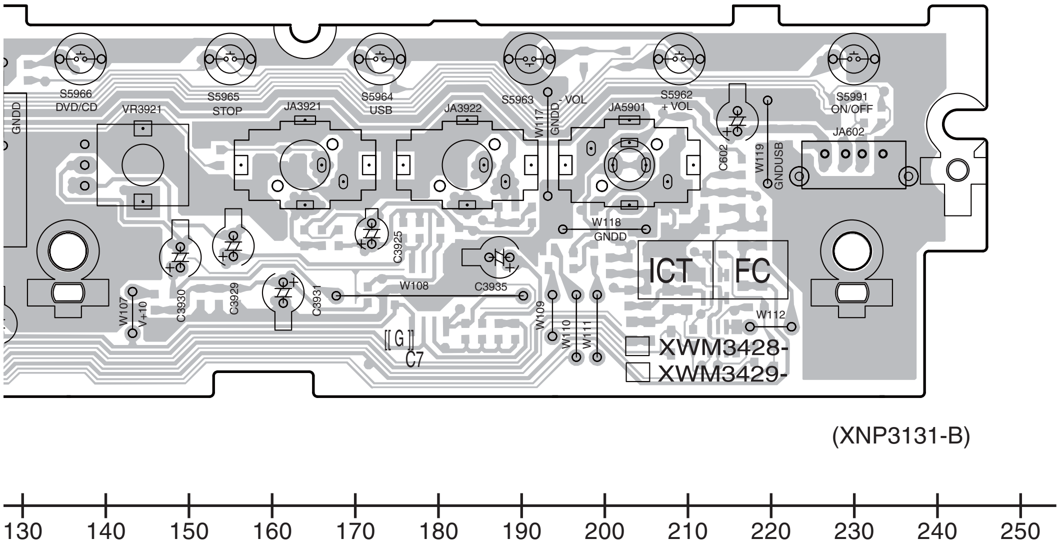

B CN9001
CN5901
CONTACT SIDE
COMPLEX ASSY
1/4
W114 GNDD
L5901
C5913
W113 GNDD
CN5902
C5952
W100 VFDP
V5901
IC5902
W101 V+10
W102 FLDC
W103 GNDD
CN5901
W116 GNDD
C5918
W115 VEE
L5902
Production Code
S5967 OPEN/CLOSE
W120 GNDD
S5966 DVD/CD
VR3921
W104
W105 GNDA
W106
C5907
C3937
W107 V+10
1.KEY1
2.KEY2
3.GNDD
4.USB_DP2
5.USB_DM2
6.GNDUSB
7.GNDUSB
8.V5USB
9.V5USB
10.VE+5
11.REMOCON
12.FLDC
13.GNDD
14.VFDP
15.GNDD
16.FLDC
17.FLCS
18.V+10
19.FLCK
20.MIC
21.GNDA
22.HP_L
23.GNDA
24.HP_R
25.HP_DET
26.HP_MUTE
27.GNDA
28.FLDATA
29.MICSW
1
27
29
46
Y
X
70
60
50
40
30
20
10
0
0
10
20
30
40
50
60
70
80
90
100
110
120
130
140

SIDE B

C COMPLEX ASSY

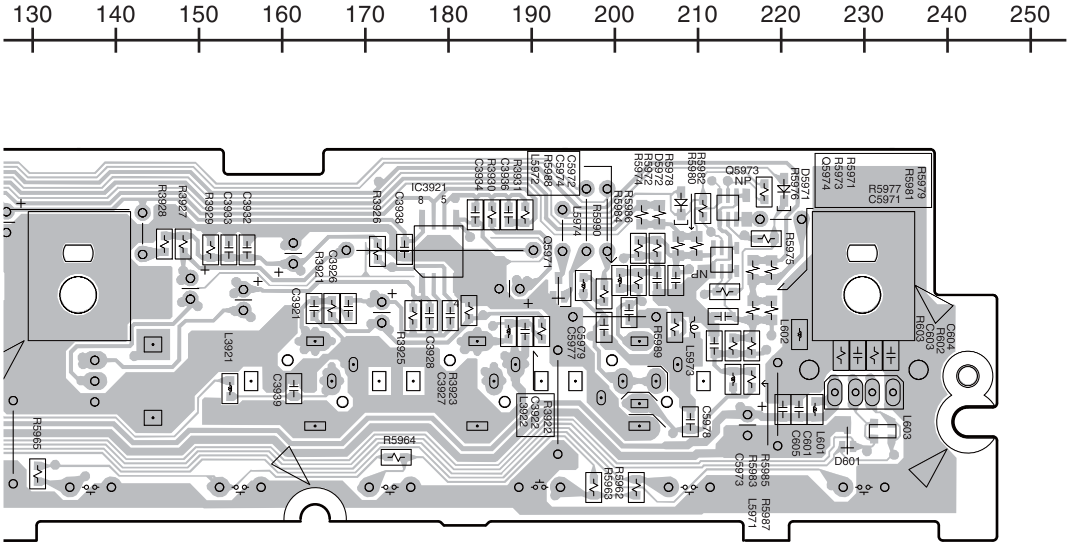

X
Y
0
10
20
30
40
50
60
70
80
90
100
110
120
130
140
XWM3429-
XWM3428-
LF
R5954
C5904
C5906
C5912
D5901
C5914
C5951
R5951
R604
R605
C5971
R5902
C5921
R5901
C5920
R5904
R5903
C5922
IC5901
C5919
C5917
D5902
C5915
C5916
C5903
C5905
R5966
R5965
R3928
29
27
1
CN5901

SIDE A


S5966
DVD/CD
VR3921
S5965
STOP
JA3921
S5964
USB
JA3922
S5963
- VOL
JA5901
S5962
+ VOL
S5991
ON/OFF
JA602
GNDD
W117
GNDD
C692
W119
GNDUSB
W118
GNDD
C3925
C3935
W108
ICT
FC
W107
V+10
C3930
C3929
C3931
W109
W110
W111
W112
[G]
C7
XWM3428-
XWM3429-
130
140
150
160
170
180
190
200
210
220
230
240
250

(XNP3131-B)

SIDE B


130
140
150
160
170
180
190
200
210
220
230
240
250
R3928
R3927
R3929
C3933
C3932
R3926
C3938
IC3921
8
5
C3934
C3936
R3930
R3931
L5972
R5988
C5974
C5972
R5974
R5972
D5972
R5978
R5980
R5982
Q5973
NP
R5976
D5971
Q5974
R5973
R5971
R5977
C5971
R5981
R5979
L5974
R5984
R5986
R5990
Q5971
R3921
C3926
C3921
R5975
NP
L602
R603
C603
R602
C604
L3921
C3939
R3925
C3928
C3927
R3923
L3922
C3922
R3922
C5979
C5977
R5989
L5973
C5978
C601
C605
L601
L603
D601
R5965
R5964
R5963
R5962
C5973
R5983
R5985
L5971
R5987

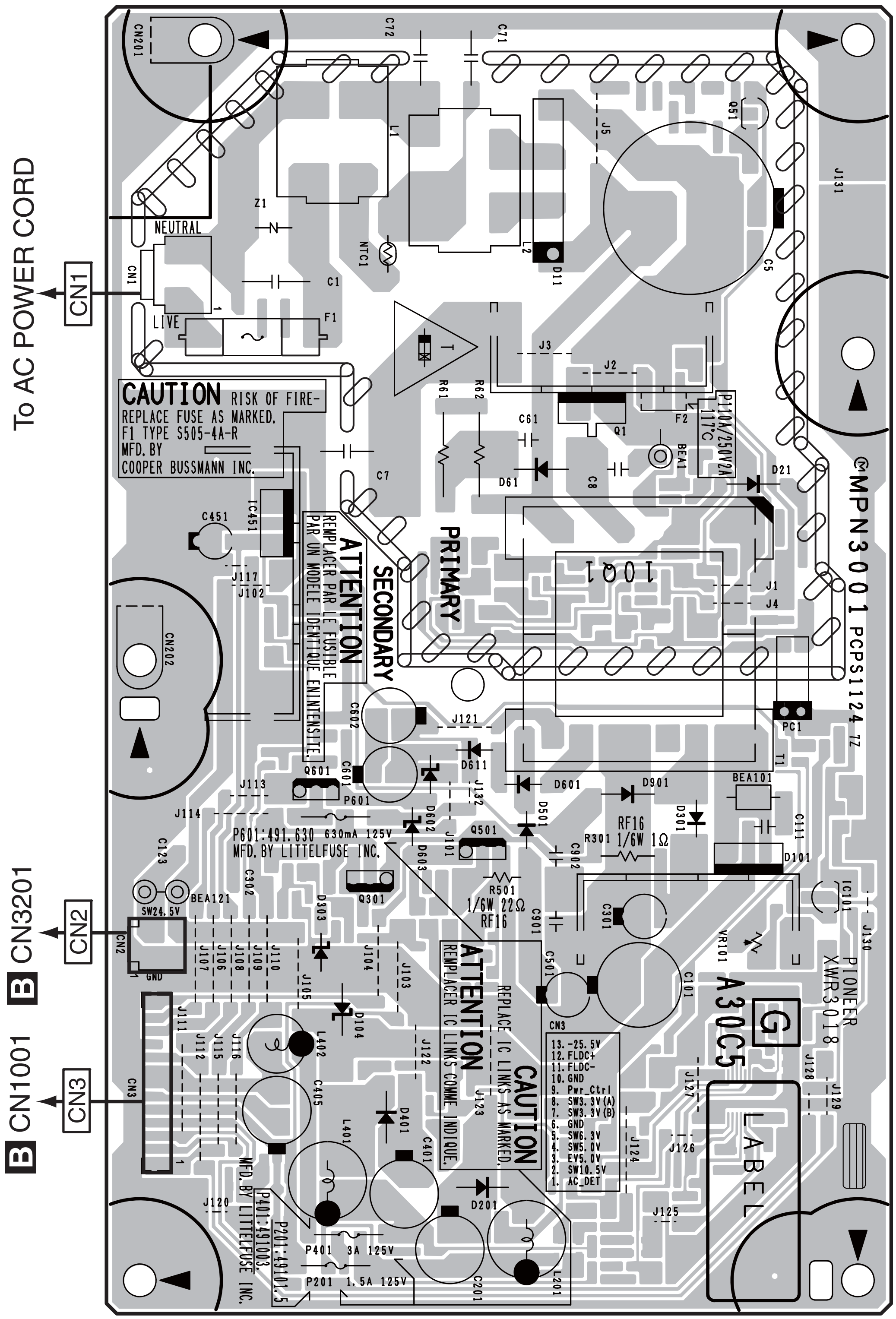
(XNP3131-B)

11.5 POWER SUPPLY UNIT

SIDE A

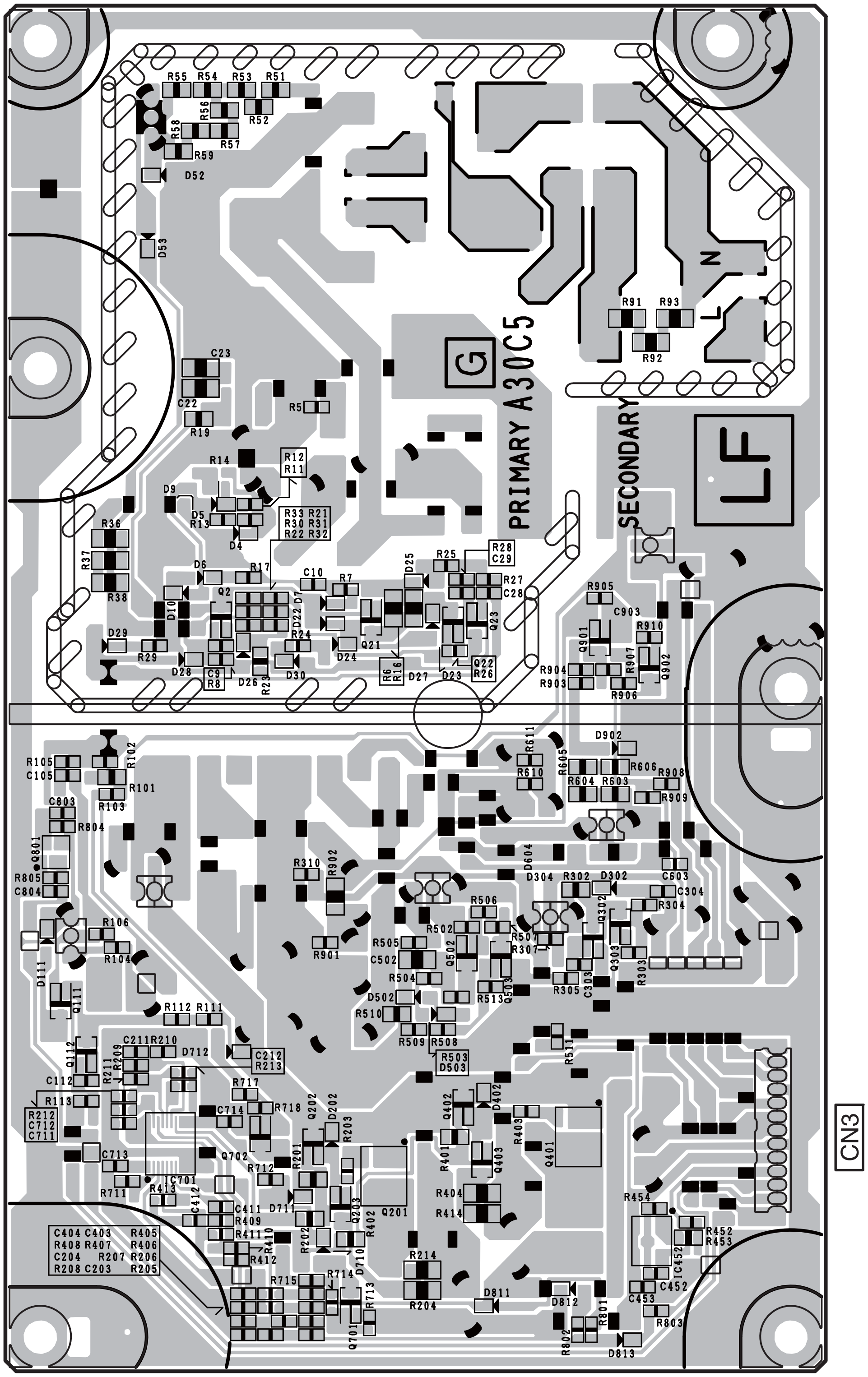
SIDE A

F POWER SUPPLY UNIT


To AC POWER CORD
CN1
CN2
B CN3201
CN3
B CN1001
CN201
C72
C71
L1
J5
Q51
J131
Z1
NEUTRAL
CN1
LIVE
NTC1
C1
F1
L2
D11
C5
T
J3
J2
R61
R62
C61
Q1
F2
BEA1
P1 10A/250V 2A 117°C
CAUTION RISK OF FIRE-
REPLACE FUSE AS MARKED.
F1 TYPE S505-4A-R
MFD.BY
COOPER BUSSMANN INC.
C7
D61
C8
D21
ⓇMPN3001 PCPS1124 7Z
C451
IC451
ATTENTION
REMPLACER PAR LE FUSIBLE
PAR UN MODELE IDENTIQUE ENINTENSITE.
SECONDARY
PRIMARY
IC01
J1
J4
J117
J102
CN202
C602
J121
PC1
T1
C601
D611
Q601
P601
J113
J132
D601
D901
BEA101
J114
D602
D501
D301
P601:491.630 630mA 125V
MFD.BY LITTELFUSE INC.
D603
J101
Q501
RF16
1/6W 1Ω
R301
C902
C111
D101
C123
C302
Q301
R501
1/6W 22Ω
RF16
SW24.5V
BEA121
D303
C901
C301
IC101
J130
CN2
GND
J107
J106
J108
J109
J110
J105
J104
J103
ATTENTION
REMPLACER IC LINKS COMME INDIQUE.
REPLACE IC LINKS AS MARKED.
CAUTION
C501
VR101
C101
PIONEER
XWR3018
A30C5
G
J111
J112
J115
J116
L402
D104
J122
CN3
13. -25.5V
12. FLDC+
11. FLDC-
10. GND
9. Pwr_Ctrl
8. SW3.3V(A)
7. SW3.3V(B)
6. GND
5. SW6.3V
4. SW5.0V
3. EV5.0V
2. SW10.5V
1. AC_DET
J128
J129
J127
CN3
C405
D401
J123
LABEL
L401
C401
J124
J126
MFD.BY LITTELFUSE INC.
P401:491003.
P201:49101.5
J120
D201
J125
P401 3A 125V
P201 1.5A 125V
C201
L201

SIDE B **SIDE B**

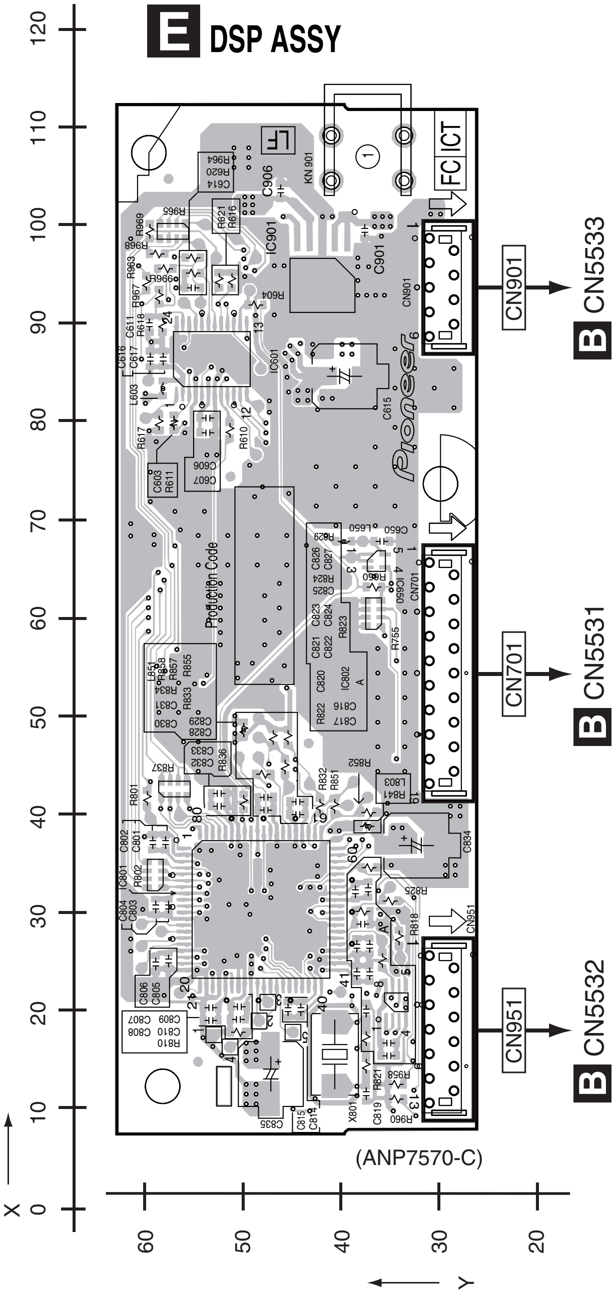
F POWER SUPPLY UNIT

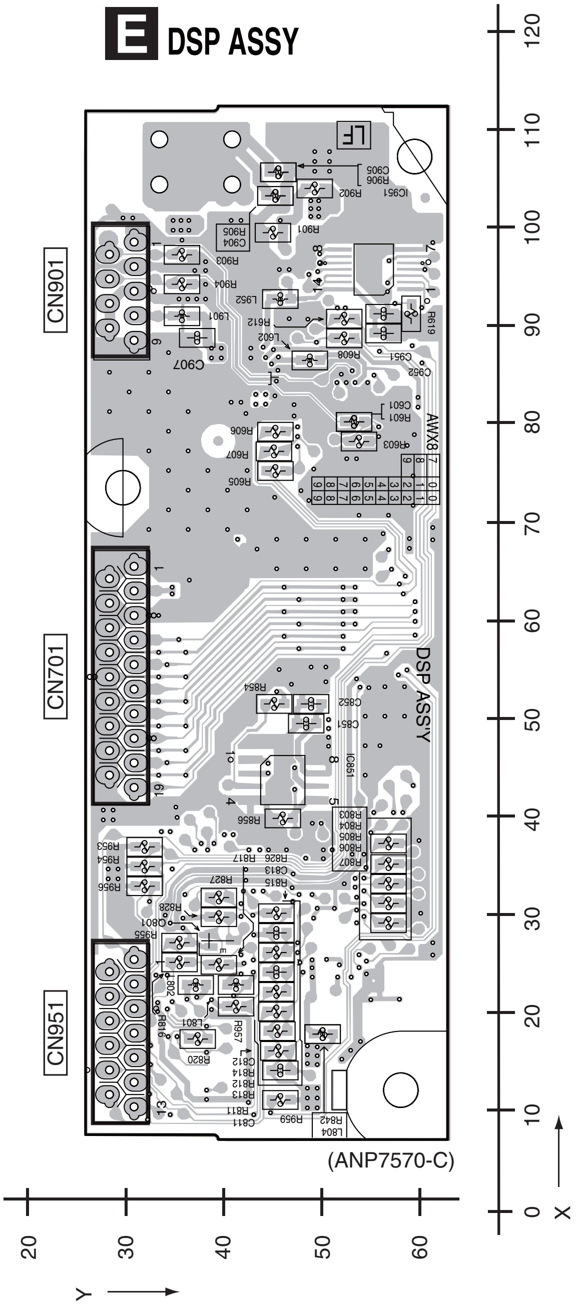

R55 R54 R53 R51
R56 R52
R58 R57
R59
D52
D53
N
L
R91 R93
R92
A30C5
G
PRIMARY
SECONDARY
LF
C23
C22
R19
R5
R14
R12
R11
D9
D5
R13
D4
R33 R21
R30 R31
R22 R32
R36
R37
R38
D6
R17
C10
R7
D25
R25
R28
C29
R27
C28
Q2
D10
D22 D7
Q23
D29
R29
D28
C9
R8
D26
R23
D30
R24
D24
Q21
R6
R16
D27
D23
Q22
R26
R905
C903
R910
Q901
Q902
R907
R904
R903
R906
D902
R611
R605
R606
R610
R604 R603
R908
R909
R105
C105
R102
R101
R103
C803
R804
Q801
R805
C804
R310
R902
D604
D304 R302 D302
C603
C304
R304
Q302
R506
R502
R507
R307
R106
R104
D111
Q111
R505
C502
Q502
R901
R504
Q503
R303
Q303
C303
R305
D502
R513
R510
R509 R508
R503
D503
R511
R112 R111
C211 R210
Q112
R209
R211
D712
C212
R213
C112
R717
R113
R718
R212
C712
C711
C714
Q202
D202
R203
Q402
D402
R403
Q401
C713
Q702
R201
R401
Q403
R712
C701
R711
R413
C412
C411
R409
R411
D711
R410
R202
Q203
Q201
R402
R404
R414
R454
R452
R453
C404 C403 R405
R408 R407 R406
C204 R207 R206
R208 C203 R205
R412
D710
R214
IC452
R715
R714
R713
R204
D811
D812
C453
C452
R803
R801
R802
D813
Q701
CN3

11.6 DSP ASSY (XV-DV575, XV-DV580 ONLY)

SIDE A

SIDE B


E DSP ASSY
CN901
B CN5533
CN701
B CN5531
CN951
B CN5532
FC ICT
LF
KN 901
IC901
IC601
IC650
IC802
IC801
X801
Production Code
Pioneer
(ANP7570-C)
X
0
10
20
30
40
50
60
70
80
90
100
110
120
Y
60
50
40
30
20


E DSP ASSY
CN901
CN701
CN951
LF
IC951
IC851
AWX8
DSP ASS'Y
(ANP7570-C)
X
0
10
20
30
40
50
60
70
80
90
100
110
120
Y
20
30
40
50
60

12. PCB PARTS LIST

NOTES:
- *Parts marked by "NSP" are generally unavailable because they are not in our Master Spare Parts List.*
- *The ⚠ mark found on some component parts indicates the importance of the safety factor of the part. Therefore, when replacing, be sure to use parts of identical designation.*
- *When ordering resistors, first convert resistance values into code form as shown in the following examples.*

Ex.1 When there are 2 effective digits (any digit apart from 0), such as 560 ohm and 47 k ohm (tolerance is shown by J = 5%, and K = 10%).

560 Ω → 56×10^1 → 561 .... RD1/4PU$\boxed{5}\,\boxed{6}\,\boxed{1}$J
47 kΩ → 47×10^3 → 473 .... RD1/4PU$\boxed{4}\,\boxed{7}\,\boxed{3}$J
0.5 Ω → R50 .... RN2H$\boxed{R}\,\boxed{5}\,\boxed{0}$K
1 Ω → 1R0 .... RS1P$\boxed{1}\,\boxed{R}\,\boxed{0}$K

Ex.2 When there are 3 effective digits (such as in high precision metal film resistors).

5.62 kΩ → 562×10^1 → 5621 .... RN1/4PC$\boxed{5}\,\boxed{6}\,\boxed{2}\,\boxed{1}$F

- *Meaning of the figures and others in the parentheses in the parts list.*

Example) IC 301 is on the point (face A, 91 of x-axis, and 111 of y-axis) of the corresponding PC board.
IC 301 (A, 91, 111) IC NJM2068V

LIST OF ASSEMBLIES

Mark	No.	Description	Part No.
	1..	08 DVDM ASSY (XV-DV575, XV-DV580)	AWM8118
	1..	08 DVDM ASSY (XV-DV385K, XV-DV395K)	AWM8105
	1..	DSP ASSY (XV-DV575, XV-DV580 ONLY)	AWX8706
	1..	SYSMAIN ASSY (XV-DV575)	XWM3392
	1..	SYSMAIN ASSY (XV-DV580)	XWM3395
	1..	SYSMAIN ASSY (XV-DV385K)	XWM3391
	1..	SYSMAIN ASSY (XV-DV395K)	XWM3394

Mark	No.	Description	Part No.
	1..	COMPLEX ASSY (XV-DV575, XV-DV580)	XWM3429
	1..	COMPLEX ASSY (XV-DV385K, XV-DV395K)	XWM3428
NSP	1..	NHTS JACK ASSY	AWM8034
	2..	EUROSCART ASSY	AWU8291
⚠	1..	POWER SUPPLY UNIT	XWR3018
	1..	FM/AM TUNER UNIT	AXX7248

CONTRAST OF PCB ASSEMBLIES

A 08 DVDM ASSY

AWM8118 and AWM8105 are constructed the same except for the following:

Mark	Symbol and Description	AWM8118	AWM8105
	IC241	Not used	TC7SH08FUS1
	L241 CHIP SOLID INDUCTOR	Not used	QTL1013
	CN962 13P FFC CONNECTOR	Not used	VKN1472
	C248	Not used	CKSSYB104K16
	C249	Not used	CCSSCH471J16
	R240-R242, R244-R246	Not used	RS1/16SS330J
	R243	Not used	RS1/16SS100J

B SYSMAIN ASSY (XV-DV575/XV-DV580)

XWM3392 and XWM3395 are constructed the same except for the following:

Mark	Symbol and Description	XWM3392	XWM3395
	R5514	Not used	RS1/16S473J
	R5516	RS1/16S473J	Not used

B SYSMAIN ASSY (XV-DV385K/XV-DV395K)

XWM3391 and XWM3394 are constructed the same except for the following:

Mark	Symbol and Description	XWM3391	XWM3394
	R5516	RS1/16S473J	Not used

C COMPLEX ASSY

XWM3429 and XWM3428 are constructed the same except for the following:

Mark	Symbol and Description	XWM3429	XWM3428
	IC3921	Not used	NJM4565MD
	L3921 INDUCTOR	Not used	CTF1306
	VR3921 VARIABLE (10K-X1)	Not used	XCS3007
	CN5902 27P FFC CONNECTOR	9607S-27F	Not used
	CN5901 29P FFC CONNECTOR	Not used	9607S-29F
	JA3921, JA3922 MIC JACK	Not used	XKN3012
	R3921, R3922, R3928, R3929	Not used	RS1/16S332J
	R3925, R3927	Not used	RS1/16S473J
	R3926	Not used	RS1/16S103J
	R3930	Not used	RS1/16S152J
	R3931	Not used	RS1/16S123J
	C3921, C3922, C3933	Not used	CCSRCH101J50
	C3925, C3935	Not used	CEJQ2R2M50
	C3928	Not used	CCSRCH681J50
	C3929, C3930	Not used	CEAT2R2M50
	C3931	Not used	CEAT470M16
	C3932, C3938	Not used	CKSRYB104K16
	C3936	Not used	CKSRYB122K50
	C3939	Not used	CKSRYB223K16

PCB PARTS LIST FOR XV-DV575/WYXJ5 UNLESS OTHER WISE NOTED

A 08 DVDM ASSY

SEMICONDUCTORS

Mark	No.	Description	Part No.
	IC 101		BA5984FP
	IC 201		MT1389FE/S-L
	IC 202		K4S641632K-UC75
	IC 203		AYW7242
	IC 204		S-24CS64A0I
	IC 401		MM1758XF
	IC 601		TC7SH08FUS1
	IC 711		MM1661JH
	IC 771		NJM2872BF05
	Q 304,801		2SC4081
	Q 305		UM5K1N
	Q 307,308		HN1A01F
	Q 481,933		DTC114YUA
	Q 621		2SK2034
	Q 802		HN1A01FU
	Q 934		UMB1N
	D 101,102		RR264M-400
	D 761,762		UDZS3R9(B)
	D 801		UDZS4R7(B)
	D 802		DAN202U
	D 811		1SS352
	D 933		UDZS5R1(B)

MISCELLANEOUS

Mark	No.	Description	Part No.
	L 751	INDUCTOR	CTF1395
	L 761	COIL	VTH1047
	L 901	INDUCTOR	CTF1334
	L 932-935	COIL	ATH7022
	JA 931	HDMI CONNECTOR	AKP7224
	X 201	CRYSTAL RESONATOR (27MHZ)	VSS1172
	CN 964	06P CONNECTOR	VKN1574
	CN 965	05P CONNECTOR	VKN1573
	CN 966	CONNECTOR	VKN2045
	CN 967	17P CONNECTOR	VKN1577
	CN 968	27P CONNECTOR	VKN1583

RESISTORS

Mark	No.	Description	Part No.
	R 103,113,114,201		RS1/16SS1202F
	R 104		RS1/16SS1002F
	R 123,133		RS1/16SS3302F
	R 124,134		RS1/16SS2702F
	R 153,156,157		RS1/8SQ3R3J
	R 202		RS1/16SS8201F
	R 205,206		RS1/16SS1502F
	R 208,209,281,634		RS1/10S0R0J
	R 221,225		RAB4CQ330J
	R 279		RS1/16SS2201F
	R 411-416		RS1/16SS1500F
	R 617		RS1/16SS2701F
	R 636		RS1/16S0R0J
	R 715,752,902		RS1/10S0R0J
	R 978-980		RS1/10S0R0J
	Other Resistors		RS1/16SS###J

CAPACITORS

Mark	No.	Description	Part No.
	C 103,373,401,404		CEVW101M16
	C 151,200,204,205		CKSSYB104K16
	C 152,153,210		CKSSYB222K50
	C 201,202,223,237		CEVW221M4
	C 203,206,215,309		CEVW470M16
	C 207,208,213,216		CKSSYB104K16
	C 209		CKSSYB153K16
	C 211,212		CCSSCH271J50
	C 217,220,224,225		CKSSYB104K16
	C 226,240,283-288		CKSSYB103K16

Mark	No.	Description	Part No.
C	227		CCSSCH221J50
C	228-234,239,243		CKSSYB104K16
C	241,602,607,952		CEVW100M16
C	242		CKSSYB152K50
C	244,246,247,250		CKSSYB104K16
C	245,282,289		CKSRYB105K10
C	251,252		CCSSCH100D50
C	254,267,295,608		CKSSYB102K50
C	258,259		CKSSYB473K16
C	260,261,264,266		CKSSYB104K16
C	262,605		CEVW4R7M16
C	265		CCSSCH220J50
C	268,271-273,290		CKSSYB104K16
C	269		CKSSYB333K10
C	281,618		CEVW221M4
C	310,616,627		CEVW470M16
C	343-347,412-414		CKSRYB105K10
C	371,372,402,405		CKSSYB104K16
C	406,601,603,606		CKSSYB104K16
C	411,415,416		CKSRYB104K16
C	611		CKSSYB562K25
C	612,613,617		CKSSYB104K16
C	614		CCSSCH101J50
C	619-621,623,625		CKSSYB104K16
C	622,624,626		CKSSYB102K50
C	628,773,801,951		CKSSYB104K16
C	711,771		CKSRYB105K10
C	712		CCSSCH471J16
C	713,772		CKSQYB225K10

B SYSMAIN ASSY (XV-DV575)

MISCELLANEOUS

Mark	No.	Description	Part No.
⚠ IC	771	(A,121,39) LOAD SWITCHING	AAT4618IGV-0.5-1
⚠ IC	781	(A,134,40) REGULATOR IC	NJM2845DL1-05
IC	3101	(A,237,20) 8CH PWM PROCESSOR IC	TAS5508BPAG
IC	3191	(A,182,94) OP-AMP IC	BA10358F
⚠ IC	3201	(A,267,44) DIGITAL AMP IC	TAS5122DCA
⚠ IC	3301	(A,237,44) DIGITAL AMP IC	TAS5122DCA
⚠ IC	3401	(A,207,44) DIGITAL AMP IC	TAS5122DCA
IC	3601	(A,306,95) DUAL OP-AMP	NJM4565MD
IC	3901	(A,206,16) DUAL OP-AMP	NJM4565MD
IC	4001	(A,96,75) IC	TC4052BFN
⚠ IC	4002	(A,113,70) REGULATOR IC	NJM2872BF25
IC	4003	(A,114,85) AD CONVERTER IC	AK5358AET
IC	4901	(A,101,101) DUAL OP-AMP	NJM4565MD
IC	5501	(A,68,40) SYSTEM CONTROL MICON	PDC175A
IC	5502	(A,30,46) EEPROM	S-93C46BD0I-J8T1
IC	5701	(A,50,67) RDS DECORDER IC	LC72725KM
Q	491	(A,76,79) TRANSISTOR	RT1N241M
Q	1301	(A,128,16) TRANSISTOR(SC-70)	2SA1602A
Q	1302	(A,24,35) TRANSISTOR	2SA1577
Q	1303	(A,133,18) TRANSISTOR	2SC4154
Q	1304	(A,19,31) TRANSISTOR	2SC4154
Q	1402	(A,132,25) TRANSISTOR(SC-70)	2SA1602A
Q	1413	(A,130,29) TRANSISTOR	RT1N241M
Q	3131	(A,181,35) TRANSISTOR	2SA1036K
Q	3132	(A,189,34) DIGITAL TR(SC-70)	RT1N431M
Q	3601	(A,296,95) TRANSISTOR	IMX9
Q	3602	(A,300,79) DIGITAL TR(SC-70)	RT1P241M
Q	3603	(A,289,93) TRANSISTOR	IMX9
Q	3604	(A,269,27) DIGITAL TR(SC-70)	RT1P241M
Q	4005	(A,99,83) CHIP TRANSISTOR	HN1A01FU
Q	4006	(A,151,31) TRANSISTOR	RT1N241M
Q	4951	(A,65,15) TRANSISTOR	RT1N241M
Q	5525	(A,103,40) DIGITAL TR(SC-70)	RT1N431M
Q	5531	(A,136,54) TRANSISTOR	RT3N22M
Q	5532	(A,131,58) TRANSISTOR	RT1N241M
Q	5533	(A,130,54) DIGITAL TR(SC-70)	RT1P241M
Q	5703	(A,41,68) CHIP TRANSISTOR	HN1C01FU
Q	5931	(A,86,99) TRANSISTOR	RT1N241M
Q	5932	(A,78,98) TRANSISTOR	RT3N22M
Q	5934	(A,82,103) TRANSISTOR(SC-70)	2SA1602A
Q	5935	(A,74,94) TRANSISTOR(SC-70)	2SA1602A
Q	5936	(A,78,103) DIGITAL TR(SC-70)	RT1P241M
D	1403	(A,127,13) DIODE	MC2846-11
D	1415	(A,134,30) DIODE	UDZS4R7(B)
D	3101	(A,264,26) DIODE	MC2846-11
D	3131	(A,184,39) DIODE	UDZS18(B)
D	3133	(A,181,42) DIODE	1SS352
D	3134	(A,183,42) DIODE	UDZS15(B)
D	3191	(A,198,26) DIODE	UDZS4R7(B)
D	3603	(A,313,81) DIODE	UDZS12(B)
D	4901	(A,82,109) DIODE	UDZS5R1(B)
D	4902	(A,92,98) DIODE	UDZS3R9(B)
D	4903	(A,89,99) DIODE	UDZS3R9(B)
D	5931	(A,78,107) DIODE	1SS352
D	5933	(A,66,98) DIODE	1SS352
D	5936	(A,74,99) DIODE	1SS352
L	772	(A,124,45) CHIP SOLID INDUCTOR	ATL7002
L	1501	(A,93,33) AXIAL INDUCTOR	LAU220J
L	3201	(A,284,68) INDUCTORS	ATH7019
L	3202	(A,267,68) INDUCTORS	ATH7019
L	3301	(A,251,68) INDUCTORS	ATH7019
L	3302	(A,234,68) INDUCTORS	ATH7019
L	3401	(A,218,68) INDUCTORS	ATH7019
L	3402	(A,201,68) INDUCTORS	ATH7019
L	4603	(A,132,101) INDUCTOR	CTF1379
L	4901	(A,115,97) INDUCTOR	CTF1379
L	4951	(A,156,17) INDUCTOR	CTF1346
L	4952	(A,151,17) INDUCTOR	CTF1346
L	5931	(A,74,107) CHIP SOLID INDUCTOR	QTL1013
L	5932	(A,74,102) CHIP SOLID INDUCTOR	QTL1013
L	5933	(A,62,103) CHIP SOLID INDUCTOR	QTL1013
L	5934	(A,62,98) CHIP SOLID INDUCTOR	QTL1013
JA	403	(A,52,114) JACK	XKB3069
JA	4602	(A,125,114) OPT. LINK IN	GP1FAV51RKBF
JA	4901	(A,110,111) JACK	RKN1004
JA	5931	(A,67,112) MINI JACK(4P) /W SW	XKN3015
X	3101	(A,254,16) CRYSTAL RESONATOR (13.5 MHz)	ASS7062
X	5501	(A,86,41) CERAMIC RESONATOR (10 MHz)	ASS7034
X	5701	(A,61,73) CRYSTAL RESONATOR (4.332 MHz)	ASS7004
CN	451	(A,54,83) CONNECTOR	9604S-23C
CN	1001	(A,107,8) CONNECTOR ASS'Y	PG13KA-F07
CN	3111	(A,279,114) PIN JACK(4P)	AKB7114

Mark	No.	Description	Part No.
CN	3201 (A,176,61)	2P CONNECTOR	B2P-VH
CN	3211 (A,225,114)	6CH SPEAKER JACK(V0)	AKE7121
CN	5501 (A,100,30)	CONNECTOR	9604S-07C
CN	5531 (A,144,66)	19P PLUG	XKM3005
CN	5532 (A,144,26)	13P PLUG	XKM3004
CN	5533 (A,144,99)	9P PLUG	XKM3008
CN	5603 (A,36,12)	27P CONNECTOR	VKN1258
CN	5701 (A,36,61)	CONNECTOR	9604S-11C
CN	9000 (A,23,78)	17P CONNECTOR	VKN1248
CN	9002	CONNECTOR	9604S-27C
	102 (A,44,8)	PCB BINDER	VEF1040
	101 (A,312,49)	PCB BINDER	VEF1040

RESISTORS

Mark	No.	Description	Part No.
R	421 (A,51,99)		RS1/10S75R0F
R	491 (A,75,75)		RS1/16S103J
R	771 (A,124,47)		RS1/16S221J
R	772 (A,128,46)		RS1/16S104J
R	1301 (A,132,15)		RS1/16S473J
R	1302 (A,129,18)		RS1/16S392J
R	1303 (A,23,33)		RS1/16S473J
R	1304 (A,23,31)		RS1/10S561J
R	1306 (A,18,35)		RS1/16S103J
R	1307 (A,129,20)		RS1/16S472J
R	1401 (A,129,21)		RS1/16S392J
R	1402 (A,134,21)		RS1/16S332J
R	1403 (A,132,23)		RS1/16S473J
R	1404 (A,135,26)		RS1/16S393J
R	1415 (A,129,24)		RS1/16S182J
R	3101 (A,226,12)		RS1/16S221J
R	3102 (A,229,12)		RS1/16S221J
R	3103 (A,263,10)		RS1/16S4R7J
R	3104 (A,243,11)		RAB4C221J
R	3106 (A,248,17)		RS1/16S105J
R	3107 (A,249,20)		RAB4C470J
R	3108 (A,249,24)		RAB4C470J
R	3111 (A,227,26)		RS1/16S220J
R	3112 (A,225,16)		RS1/16S470J
R	3113 (A,225,13)		RS1/16S3R3J
R	3114 (A,267,26)		RS1/16S103J
R	3131 (A,181,39)		RS1/16S473J
R	3132 (A,185,37)		RS1/10S123J
R	3133 (A,188,37)		RS1/16S102J
R	3134 (A,188,39)		RS1/16S222J
R	3135 (A,185,42)		RS1/16S102J
R	3141 (A,285,98)		RS1/16S331J
R	3142 (A,291,99)		RS1/16S331J
R	3151 (A,190,12)		RAB4C103J
R	3152 (A,178,29)		RAB4C222J
R	3191 (A,186,98)	RESISTOR (0.1OHM,2W)	ACN7112
R	3192 (A,186,95)		RS1/16S103J
R	3193 (A,185,87)		RS1/16S103J
R	3194 (A,188,92)		RS1/16S104J
R	3195 (A,183,87)		RS1/16S104J
R	3196 (A,188,88)		RS1/16S222J
R	3197 (A,189,84)		RS1/16S103J
⚠ R	3199 (A,186,88)		RS1/16S8R2J
R	3204 (A,270,31)		RS1/16S221J
R	3205 (A,265,32)		RS1/16S103J
R	3206 (A,261,34)		RS1/16S101J

Mark	No.	Description	Part No.
R	3207 (A,261,33)		RS1/16S473J
R	3208 (A,261,36)		RS1/16S472J
⚠ R	3211 (A,275,58)	RESISTOR (2.7 OHM)	ACN7148
⚠ R	3212 (A,261,58)	RESISTOR (2.7 OHM)	ACN7148
⚠ R	3213 (A,273,58)	RESISTOR (2.7 OHM)	ACN7148
⚠ R	3214 (A,259,58)	RESISTOR (2.7 OHM)	ACN7148
R	3215 (A,278,62)	CHIP RESISTOR	RS1/8S1R5J
R	3216 (A,264,62)	CHIP RESISTOR	RS1/8S1R5J
R	3217 (A,269,62)	CHIP RESISTOR	RS1/8S1R5J
R	3218 (A,255,62)	CHIP RESISTOR	RS1/8S1R5J
R	3223 (A,278,37)		RS1/10S821J
R	3224 (A,255,37)		RS1/10S821J
R	3225 (A,280,37)		RS1/10S821J
R	3226 (A,253,37)		RS1/10S821J
⚠ R	3227 (A,286,84)		RS1/10S3R3J
⚠ R	3228 (A,270,84)		RS1/10S3R3J
R	3231 (A,250,98)		RS1/10S472J
R	3232 (A,250,101)		RS1/10S472J
R	3233 (A,251,94)		RS1/10S472J
R	3234 (A,250,109)		RS1/10S472J
⚠ R	3235 (A,252,97)		RS1/16S1R0J
⚠ R	3236 (A,256,97)		RS1/16S1R0J
⚠ R	3237 (A,252,94)		RS1/16S1R0J
⚠ R	3238 (A,250,106)		RS1/16S1R0J
⚠ R	3241 (A,276,56)		RS1/10S180J
⚠ R	3242 (A,262,56)		RS1/10S180J
⚠ R	3243 (A,272,56)		RS1/10S180J
⚠ R	3244 (A,258,56)		RS1/10S180J
R	3304 (A,241,31)		RS1/16S221J
R	3305 (A,235,32)		RS1/16S103J
R	3306 (A,231,34)		RS1/16S101J
R	3307 (A,231,33)		RS1/16S473J
R	3308 (A,231,36)		RS1/16S472J
⚠ R	3311 (A,245,58)	RESISTOR (2.7 OHM)	ACN7148
⚠ R	3312 (A,231,58)	RESISTOR (2.7 OHM)	ACN7148
⚠ R	3313 (A,243,58)	RESISTOR (2.7 OHM)	ACN7148
⚠ R	3314 (A,229,58)	RESISTOR (2.7 OHM)	ACN7148
R	3315 (A,248,62)	CHIP RESISTOR	RS1/8S1R5J
R	3316 (A,234,62)	CHIP RESISTOR	RS1/8S1R5J
R	3317 (A,239,62)	CHIP RESISTOR	RS1/8S1R5J
R	3318 (A,225,62)	CHIP RESISTOR	RS1/8S1R5J
R	3323 (A,248,37)		RS1/10S821J
R	3324 (A,225,37)		RS1/10S821J
R	3325 (A,250,37)		RS1/10S821J
R	3326 (A,223,37)		RS1/10S821J
⚠ R	3327 (A,253,84)		RS1/10S3R3J
⚠ R	3328 (A,237,84)		RS1/10S3R3J
R	3331 (A,223,92)		RS1/10S472J
R	3332 (A,237,92)		RS1/10S472J
R	3333 (A,227,92)		RS1/10S472J
R	3334 (A,213,92)		RS1/10S472J
⚠ R	3335 (A,220,92)		RS1/16S1R0J
⚠ R	3336 (A,240,92)		RS1/16S1R0J
⚠ R	3337 (A,230,92)		RS1/16S1R0J
⚠ R	3338 (A,210,92)		RS1/16S1R0J
⚠ R	3341 (A,246,56)		RS1/10S180J
⚠ R	3342 (A,232,56)		RS1/10S180J
⚠ R	3343 (A,242,56)		RS1/10S180J
⚠ R	3344 (A,228,56)		RS1/10S180J

Mark	No.	Description	Part No.
R	3404 (A,211,31)		RS1/16S221J
R	3405 (A,205,32)		RS1/16S103J
R	3406 (A,201,34)		RS1/16S101J
R	3407 (A,201,33)		RS1/16S473J
R	3408 (A,201,36)		RS1/16S472J
⚠ R	3411 (A,215,58)	RESISTOR (2.7 OHM)	ACN7148
⚠ R	3412 (A,201,58)	RESISTOR (2.7 OHM)	ACN7148
⚠ R	3413 (A,213,58)	RESISTOR (2.7 OHM)	ACN7148
⚠ R	3414 (A,199,58)	RESISTOR (2.7 OHM)	ACN7148
R	3415 (A,218,62)	CHIP RESISTOR	RS1/8S1R5J
R	3416 (A,204,62)	CHIP RESISTOR	RS1/8S1R5J
R	3417 (A,209,62)	CHIP RESISTOR	RS1/8S1R5J
R	3418 (A,195,62)	CHIP RESISTOR	RS1/8S1R5J
R	3423 (A,218,37)		RS1/10S821J
R	3424 (A,195,37)		RS1/10S821J
R	3425 (A,220,37)		RS1/10S821J
R	3426 (A,193,37)		RS1/10S821J
⚠ R	3427 (A,220,84)		RS1/10S3R3J
⚠ R	3428 (A,204,84)		RS1/10S3R3J
R	3431 (A,199,98)		RS1/10S472J
R	3432 (A,199,105)		RS1/10S472J
R	3433 (A,199,102)		RS1/10S472J
R	3434 (A,199,108)		RS1/10S472J
⚠ R	3435 (A,197,99)		RS1/16S1R0J
⚠ R	3436 (A,197,105)		RS1/16S1R0J
⚠ R	3437 (A,197,102)		RS1/16S1R0J
⚠ R	3438 (A,197,108)		RS1/16S1R0J
⚠ R	3441 (A,216,56)		RS1/10S180J
⚠ R	3442 (A,202,56)		RS1/10S180J
⚠ R	3443 (A,212,56)		RS1/10S180J
⚠ R	3444 (A,198,56)		RS1/10S180J
R	3601 (A,312,85)		RAB4C472J
R	3605 (A,304,85)		RS1/16S472J
R	3606 (A,304,105)		RS1/16S472J
R	3607 (A,308,88)		RS1/16S472J
R	3608 (A,308,102)		RS1/16S472J
R	3609 (A,303,89)		RS1/16S103J
R	3610 (A,303,101)		RS1/16S103J
R	3611 (A,307,88)		RS1/16S103J
R	3612 (A,307,102)		RS1/16S103J
R	3613 (A,300,90)		RS1/16S473J
R	3614 (A,300,100)		RS1/16S473J
R	3615 (A,299,90)		RS1/16S102J
R	3616 (A,299,100)		RS1/16S102J
R	3617 (A,299,93)		RS1/16S472J
R	3618 (A,299,97)		RS1/16S472J
R	3619 (A,286,92)		RS1/16S221J
R	3620 (A,286,95)		RS1/16S221J
⚠ R	3621 (A,315,90)		RS1/16S8R2J
R	3623 (A,313,90)		RS1/16S222J
R	3629 (A,297,90)		RS1/16S821J
R	3630 (A,297,100)		RS1/16S821J
R	3631 (A,292,92)		RS1/16S472J
R	3632 (A,292,95)		RS1/16S472J
R	3901 (A,216,17)		RAB4C472J
R	3905 (A,213,12)		RS1/16S562J
R	3906 (A,213,23)		RS1/16S562J
R	3907 (A,213,13)		RS1/16S562J
R	3908 (A,213,21)		RS1/16S562J
R	3909 (A,209,11)		RS1/16S183J
R	3910 (A,209,22)		RS1/16S183J
R	3911 (A,209,14)		RS1/16S183J
R	3912 (A,209,17)		RS1/16S183J
R	3913 (A,220,15)		RS1/16S472J
R	3914 (A,219,20)		RS1/16S472J
R	3915 (A,219,15)		RS1/16S472J
R	3916 (A,220,19)		RS1/16S472J
⚠ R	3921 (A,202,16)		RS1/16S8R2J
R	3923 (A,200,16)		RS1/16S103J
R	3924 (A,200,13)		RS1/16S103J
R	4006 (A,156,30)		RS1/16S103J
R	4009 (A,95,85)		RS1/16S102J
R	4010 (A,103,80)		RS1/16S102J
R	4011 (A,91,68)		RS1/16S223J
R	4012 (A,102,71)		RS1/16S223J
R	4013 (A,91,69)		RS1/16S223J
R	4014 (A,102,68)		RS1/16S223J
R	4015 (A,88,78)		RS1/16S223J
R	4016 (A,103,76)		RS1/16S223J
R	4017 (A,90,78)		RS1/16S223J
R	4018 (A,104,74)		RS1/16S223J
R	4019 (A,101,62)		RS1/16S103J
R	4020 (A,100,68)		RS1/16S103J
R	4021 (A,95,83)		RS1/16S224J
R	4022 (A,103,84)		RS1/16S224J
R	4023 (A,91,85)		RS1/16S102J
R	4024 (A,104,80)		RS1/16S102J
R	4027 (A,91,74)		RS1/16S473J
R	4028 (A,115,73)		RS1/16S224J
R	4039 (A,92,93)		RS1/16S153J
R	4040 (A,103,82)		RS1/16S153J
R	4048 (A,117,92)		RS1/16S182J
R	4049 (A,125,92)		RAB4C101J
R	4058 (A,111,92)		RS1/16S0R0J
R	4059 (A,110,89)		RS1/16S0R0J
R	4073 (A,114,92)		RS1/16S332J
R	4081 (A,171,22)		RS1/16S105J
R	4082 (A,173,23)		RS1/16S105J
R	4083 (A,126,89)		RS1/16S0R0J
R	4084 (A,138,85)		RS1/16S0R0J
R	4085 (A,137,79)		RS1/16S0R0J
R	4090 (A,123,71)		RS1/16S0R0J
R	4609 (A,125,100)		RS1/16S221J
R	4902 (A,107,95)		RS1/16S104J
R	4903 (A,96,104)		RS1/16S392J
R	4905 (A,95,96)		RS1/16S101J
R	4906 (A,95,99)		RS1/16S333J
R	4907 (A,104,95)		RS1/16S333J
R	4908 (A,94,101)		RS1/16S472J
R	4910 (A,111,96)		RS1/16S682J
R	4911 (A,107,92)		RS1/16S101J
R	4913 (A,115,96)		RS1/16S104J
R	4914 (A,107,96)		RS1/16S472J
R	4915 (A,103,77)		RS1/16S473J
R	4951 (A,159,17)		RS1/16S473J
R	4952 (A,153,16)		RS1/16S473J
R	4955 (A,62,16)		RS1/16S182J
R	5501 (A,85,25)		RAB4C221J
R	5505 (A,86,28)		RS1/16S221J

Mark	No.	Description	Part No.
R	5506 (A,86,29)		RS1/16S221J
R	5507 (A,86,31)		RS1/16S221J
R	5508 (A,86,32)		RS1/16S222J
R	5509 (A,90,29)		RS1/16S0R0J
R	5510 (A,98,41)		RS1/16S473J
R	5515 (A,90,25)		RS1/16S473J
R	5516 (A,90,24)		RS1/16S473J
R	5517 (A,105,49)		RAB4C221J
R	5518 (A,98,50)		RS1/16S105J
R	5519 (A,106,29)		RS1/16S103J
R	5520 (A,103,29)		RS1/16S103J
R	5521 (A,108,41)		RS1/16S221J
R	5522 (A,109,49)		RAB4C221J
R	5527 (A,83,55)		RAB4C221J
R	5528 (A,136,57)		RS1/16S472J
R	5531 (A,64,19)		RS1/16S223J
R	5537 (A,71,60)		RS1/16S221J
R	5538 (A,69,59)		RS1/16S221J
R	5541 (A,68,67)		RAB4C221J
R	5542 (A,64,58)		RAB4C221J
R	5546 (A,72,74)		RS1/16S103J
R	5547 (A,70,73)		RS1/16S103J
R	5548 (A,49,55)		RAB4C221J
R	5557 (A,49,48)		RAB4C221J
R	5558 (A,34,47)		RS1/16S473J
R	5559 (A,26,46)		RS1/16S473J
R	5562 (A,49,45)		RS1/16S221J
R	5564 (A,49,44)		RS1/16S221J
R	5565 (A,49,42)		RS1/16S221J
R	5566 (A,49,40)		RAB4C221J
R	5569 (A,91,52)		RS1/16S221J
R	5570 (A,49,36)		RAB4C221J
R	5574 (A,67,19)		RS1/16S104J
R	5577 (A,50,29)		RAB4C221J
R	5581 (A,53,25)		RS1/16S221J
R	5582 (A,60,23)		RS1/16S221J
R	5583 (A,61,23)		RS1/16S103J
R	5584 (A,63,23)		RS1/16S221J
R	5590 (A,71,19)		RAB4C221J
R	5597 (A,70,16)		RS1/16S153J
R	5598 (A,79,21)		RAB4C221J
R	5712 (A,27,66)		RS1/16S123J
R	5713 (A,27,71)		RS1/16S123J
R	5931 (A,78,105)		RS1/16S182J
R	5933 (A,70,98)		RS1/16S104J
R	5934 (A,69,95)		RS1/16S102J
R	5935 (A,71,95)		RS1/16S103J
R	5936 (A,82,105)		RS1/16S182J
R	5937 (A,87,102)		RS1/16S473J
R	5938 (A,82,100)		RS1/16S272J
R	5939 (A,82,99)		RS1/16S332J
R	5940 (A,74,101)		RS1/16S101J
R	5942 (A,74,97)		RS1/16S104J
R	9000 (A,42,30)		RS1/16S0R0J

CAPACITORS

Mark	No.	Description	Part No.
C	427 (A,56,92)	ELECT. CAPACITOR	CEAT102M6R3
C	771 (A,121,34)		CKSQYB105K16
C	773 (A,121,37)		CKSRYB104K16
C	781 (A,127,42)		CEAT100M50
C	782 (A,136,49)		CKSQYB225K10
C	1205 (A,24,14)		CKSRYB104K16
C	1207 (A,77,13)		CKSRYB102K50
C	1208 (A,83,17)		CCSRCH471J50
C	1209 (A,113,21)		CKSRYB104K16
C	1210 (A,116,16)		CKSRYB104K16
C	1211 (A,113,14)		CKSRYB104K16
C	1301 (A,18,33)		CKSRYB105K6R3
C	1501 (A,90,44)		CKSRYB103K50
C	1502 (A,97,44)		CKSRYB104K16
C	1505 (A,87,46)		CEAT101M10
C	3101 (A,229,14)		CKSRYB224K16
C	3102 (A,228,12)		CKSRYB103K50
C	3103 (A,228,8)		CKSRYB104K16
C	3104 (A,232,8)		CKSRYB104K16
C	3105 (A,231,12)		CKSRYB103K50
C	3106 (A,234,10)		CKSRYB104K16
C	3107 (A,236,10)		CKSRYB104K16
C	3108 (A,249,9)		CEVW100M10
C	3109 (A,237,10)		CKSRYB102K50
C	3110 (A,244,14)		CKSRYB104K16
C	3111 (A,257,9)		CEVW100M10
C	3112 (A,245,15)		CKSRYB104K16
C	3113 (A,247,15)		CCSRCH180J50
C	3114 (A,248,15)		CCSRCH150J50
C	3115 (A,245,26)		CKSRYB474K10
C	3116 (A,246,26)		CKSRYB104K16
C	3117 (A,255,25)		CEVW100M10
C	3118 (A,231,28)		CKSRYB104K16
C	3119 (A,227,23)		CKSRYB104K16
C	3120 (A,224,25)		CEVW100M10
C	3141 (A,285,99)		CCSRCH221J50
C	3142 (A,288,99)		CCSRCH221J50
C	3151 (A,175,46)		CKSRYB104K16
C	3192 (A,186,92)		CKSRYB104K25
C	3201 (A,276,38)		CKSQYB105K16
C	3202 (A,258,38)		CKSQYB105K16
C	3203 (A,267,33)		CKSRYB104K16
C	3204 (A,261,37)		CKSRYB104K16
C	3211 (A,279,57)		CKSQYB104K50
C	3212 (A,265,57)		CKSQYB104K50
C	3213 (A,269,57)		CKSQYB104K50
C	3214 (A,255,57)		CKSQYB104K50
C	3215 (A,275,63)		CKSRYB333K50
C	3216 (A,261,63)		CKSRYB333K50
C	3217 (A,273,63)		CKSRYB333K50
C	3218 (A,259,63)		CKSRYB333K50
C	3221 (A,278,89)	ELECT. CAPACITOR	CEAT102M25
C	3223 (A,284,84)		CKSRYB103K50
C	3224 (A,267,84)		CKSRYB103K50
C	3225 (A,273,84)		CKSRYB102K50
C	3226 (A,256,84)		CKSRYB102K50
C	3227 (A,276,47)		CKSRYB104K25
C	3228 (A,257,47)		CKSRYB104K25
C	3231 (A,276,83)		CFTLA474J50
C	3232 (A,259,83)		CFTLA474J50
C	3233 (A,238,100)		CKSRYB104K25
C	3234 (A,240,106)		CKSRYB104K25
C	3235 (A,240,100)		CKSRYB104K25

Mark	No.	Description	Part No.
C	3236 (A,243,106)		CKSRYB104K25
C	3237 (A,255,97)		CKSRYB103K50
C	3238 (A,258,97)		CKSRYB103K50
C	3239 (A,255,94)		CKSRYB103K50
C	3240 (A,250,104)		CKSRYB103K50
C	3241 (A,277,54)		CKSRYB331K50
C	3242 (A,263,54)		CKSRYB331K50
C	3243 (A,271,54)		CKSRYB331K50
C	3244 (A,257,54)		CKSRYB331K50
C	3301 (A,246,38)		CKSQYB105K16
C	3302 (A,228,38)		CKSQYB105K16
C	3303 (A,237,33)		CKSRYB104K16
C	3304 (A,231,37)		CKSRYB104K16
C	3311 (A,249,57)		CKSQYB104K50
C	3312 (A,235,57)		CKSQYB104K50
C	3313 (A,239,57)		CKSQYB104K50
C	3314 (A,225,57)		CKSQYB104K50
C	3315 (A,245,63)		CKSRYB333K50
C	3316 (A,231,63)		CKSRYB333K50
C	3317 (A,243,63)		CKSRYB333K50
C	3318 (A,229,63)		CKSRYB333K50
C	3321 (A,262,89)	ELECT. CAPACITOR	CEAT102M25
C	3323 (A,251,84)		CKSRYB103K50
C	3324 (A,234,84)		CKSRYB103K50
C	3325 (A,240,84)		CKSRYB102K50
C	3326 (A,223,84)		CKSRYB102K50
C	3327 (A,246,47)		CKSRYB104K25
C	3328 (A,227,47)		CKSRYB104K25
C	3331 (A,243,83)		CFTLA474J50
C	3332 (A,226,83)		CFTLA474J50
C	3333 (A,222,100)		CKSRYB104K25
C	3334 (A,229,105)		CKSRYB104K25
C	3335 (A,225,100)		CKSRYB104K25
C	3336 (A,226,105)		CKSRYB104K25
C	3337 (A,217,92)		CKSRYB103K50
C	3338 (A,243,92)		CKSRYB103K50
C	3339 (A,233,92)		CKSRYB103K50
C	3340 (A,207,92)		CKSRYB103K50
C	3341 (A,247,54)		CKSRYB331K50
C	3342 (A,233,54)		CKSRYB331K50
C	3343 (A,241,54)		CKSRYB331K50
C	3344 (A,227,54)		CKSRYB331K50
C	3401 (A,216,38)		CKSQYB105K16
C	3402 (A,198,38)		CKSQYB105K16
C	3403 (A,207,33)		CKSRYB104K16
C	3404 (A,201,37)		CKSRYB104K16
C	3411 (A,219,57)		CKSQYB104K50
C	3412 (A,205,57)		CKSQYB104K50
C	3413 (A,209,57)		CKSQYB104K50
C	3414 (A,195,57)		CKSQYB104K50
C	3415 (A,215,63)		CKSRYB333K50
C	3416 (A,201,63)		CKSRYB333K50
C	3417 (A,213,63)		CKSRYB333K50
C	3418 (A,199,63)		CKSRYB333K50
C	3421 (A,196,89)	ELECT. CAPACITOR	CEAT102M25
C	3423 (A,218,84)		CKSRYB103K50
C	3424 (A,201,84)		CKSRYB103K50
C	3425 (A,207,84)		CKSRYB102K50
C	3426 (A,190,82)		CKSRYB102K50

Mark	No.	Description	Part No.
C	3427 (A,216,47)		CKSRYB104K25
C	3428 (A,197,47)		CKSRYB104K25
C	3431 (A,210,83)		CFTLA474J50
C	3432 (A,193,83)		CFTLA474J50
C	3433 (A,208,100)		CKSRYB104K25
C	3434 (A,214,105)		CKSRYB104K25
C	3435 (A,210,100)		CKSRYB104K25
C	3436 (A,211,105)		CKSRYB104K25
C	3437 (A,195,99)		CKSRYB103K50
C	3438 (A,195,105)		CKSRYB103K50
C	3439 (A,195,102)		CKSRYB103K50
C	3440 (A,195,108)		CKSRYB103K50
C	3441 (A,217,54)		CKSRYB331K50
C	3442 (A,203,54)		CKSRYB331K50
C	3443 (A,211,54)		CKSRYB331K50
C	3444 (A,197,54)		CKSRYB331K50
C	3601 (A,305,85)		CCSRCH821J50
C	3602 (A,305,105)		CCSRCH821J50
C	3603 (A,308,85)		CCSRCH821J50
C	3604 (A,308,105)		CCSRCH821J50
C	3605 (A,303,87)		CCSRCH331J50
C	3606 (A,303,102)		CCSRCH331J50
C	3607 (A,307,85)		CCSRCH331J50
C	3608 (A,307,105)		CCSRCH331J50
C	3609 (A,299,85)		CEVW100M16
C	3610 (A,300,106)		CEVW100M16
C	3611 (A,296,90)		CCSRCH821J50
C	3612 (A,296,100)		CCSRCH821J50
C	3621 (A,312,102)		CEVW100M25
C	3622 (A,313,95)		CEVW100M16
C	3623 (A,310,97)		CKSRYB104K25
C	3624 (A,310,94)		CKSRYB104K16
C	3901 (A,212,15)		CCSRCH681J50
C	3902 (A,212,19)		CCSRCH681J50
C	3903 (A,214,15)		CCSRCH681J50
C	3904 (A,214,19)		CCSRCH681J50
C	3905 (A,211,12)		CCSRCH181J50
C	3906 (A,211,22)		CCSRCH181J50
C	3907 (A,211,15)		CCSRCH561J50
C	3908 (A,211,19)		CCSRCH561J50
C	3921 (A,215,8)		CEVW100M25
C	3922 (A,223,8)		CEVW100M16
C	3923 (A,202,20)		CKSRYB104K25
C	3924 (A,202,13)		CKSRYB104K16
C	4001 (A,97,69)		CKSRYB103K50
C	4011 (A,95,65)		CEAT100M50
C	4012 (A,112,64)		CEAT100M50
C	4015 (A,87,72)		CEAT100M50
C	4016 (A,105,71)		CEAT100M50
C	4019 (A,105,64)		CEAT100M50
C	4020 (A,118,62)		CEAT100M50
C	4021 (A,97,93)		CKSRYB104K16
C	4022 (A,101,93)		CKSRYB104K16
C	4023 (A,96,89)	ELECT. CAPACITOR	CEAT470M35
C	4024 (A,125,59)	ELECT. CAPACITOR	CEAT470M35
C	4025 (A,90,89)		CEAT100M50
C	4026 (A,102,89)		CEAT100M50
C	4027 (A,116,71)		CKSRYB104K16
C	4028 (A,111,73)		CKSRYB104K16

Mark	No.	Description	Part No.
C	4029 (A,109,69)		CKSQYB225K10
C	4041 (A,119,78)		CEAT100M50
C	4042 (A,114,78)		CKSRYB104K16
C	4043 (A,108,78)		CEAT2R2M50
C	4044 (A,112,78)		CKSRYB104K16
C	4045 (A,121,84)		CEAT100M50
C	4046 (A,124,87)		CKSRYB104K16
C	4048 (A,115,92)		CKSRYB103K50
C	4613 (A,135,101)		CKSRYB104K16
C	4614 (A,133,105)		CEAT101M16
C	4615 (A,132,100)		CKSRYB104K16
C	4901 (A,91,106)		CKSRYB104K16
C	4902 (A,107,93)		CCSRCH101J50
C	4903 (A,95,98)		CCSRCH330J50
C	4904 (A,104,96)		CCSRCH330J50
C	4905 (A,115,94)		CCSRCH471J50
C	4906 (A,93,104)		CKSQYB105K16
C	4907 (A,94,108)	ELECT. CAPACITOR	CEAT470M35
C	4908 (A,100,96)		CKSQYB105K16
C	4909 (A,86,108)		CEAT100M50
C	4910 (A,111,94)		CKSQYB105K16
C	4911 (A,104,108)		CEAT100M50
C	4951 (A,158,21)		CEAT101M16
C	4952 (A,149,21)		CEAT101M16
C	5502 (A,94,46)		CEAT101M10
C	5504 (A,88,24)		CKSRYB103K50
C	5508 (A,88,29)		CKSRYB103K50
C	5509 (A,83,35)		CKSRYB104K16
C	5517 (A,82,42)		CKSRYB103K50
C	5518 (A,82,44)		CKSRYB104K16
C	5519 (A,103,32)		CKSRYB103K50
C	5521 (A,106,45)		CKSRYB104K16
C	5522 (A,106,41)		CKSRYB103K50
C	5524 (A,101,44)		CEAT100M50
C	5539 (A,69,57)		CKSRYB104K16
C	5555 (A,54,48)		CKSRYB104K16
C	5557 (A,33,42)		CKSRYB104K16
C	5558 (A,35,47)		CCSRCH470J50
C	5577 (A,53,30)		CKSRYB103K50
C	5578 (A,53,28)		CKSRYB103K50
C	5579 (A,66,19)		CKSRYB102K50
C	5589 (A,67,23)		CKSRYB104K16
C	5601 (A,135,11)		CKSRYB102K50
C	5602 (A,86,16)		CKSRYB102K50
C	5603 (A,135,8)		CKSRYB102K50
C	5604 (A,97,17)		CKSRYB104K16
C	5605 (A,98,17)		CKSRYB104K16
C	5606 (A,78,17)		CKSRYB102K50
C	5701 (A,30,56)		CCSRCH101J50
C	5703 (A,38,56)		CCSRCH101J50
C	5707 (A,38,64)		CKSRYB102K50
C	5708 (A,42,62)	ELECT. CAPACITOR	CEAT470M35
C	5712 (A,56,71)		CCSRCH270J50
C	5713 (A,45,71)		CKSRYB472K50
C	5714 (A,56,68)		CCSRCH270J50
C	5715 (A,55,65)		CKSRYB103K50
C	5716 (A,45,63)		CCSRCH561J50
C	5719 (A,52,77)		CEAT100M50
C	5720 (A,58,61)	ELECT. CAPACITOR	CEAT470M35

Mark	No.	Description	Part No.
C	5931 (A,74,105)		CCSRCH221J50
C	5932 (A,74,104)		CCSRCH221J50
C	5936 (A,82,107)		CCSRCH221J50

B SYSMAIN ASSY (XV-DV385K)

MISCELLANEOUS

Mark	No.	Description	Part No.
⚠ IC	771 (A,121,39)	LOAD SWITCHING	AAT4618IGV-0.5-1
⚠ IC	781 (A,134,40)	REGULATOR IC	NJM2845DL1-05
IC	3101 (A,237,20)	8CH PWM PROCESSOR IC	TAS5508BPAG
IC	3191 (A,182,94)	OP-AMP IC	BA10358F
⚠ IC	3201 (A,267,44)	DIGITAL AMP IC	TAS5122DCA
⚠ IC	3301 (A,237,44)	DIGITAL AMP IC	TAS5122DCA
⚠ IC	3401 (A,207,44)	DIGITAL AMP IC	TAS5122DCA
IC	3601 (A,306,95)	DUAL OP-AMP	NJM4565MD
IC	3901 (A,206,16)	DUAL OP-AMP	NJM4565MD
IC	4001 (A,96,75)	IC	TC4052BFN
IC	4003 (A,114,85)	AD CONVERTER IC	AK5358AET
IC	4004 (A,125,68)	IC	TC7WU04FU
IC	4005 (A,131,84)	IC	TC74VHC157FTS1
IC	4961 (A,48,18)	AD CONVERTER IC	AK5358AET
IC	5501 (A,68,40)	SYSTEM CONTROL MICON	PDC176A
IC	5502 (A,30,46)	EEPROM	S-93C46BD0I-J8T1
IC	5701 (A,50,67)	RDS DECORDER IC	LC72725KM
Q	491 (A,76,79)	TRANSISTOR	RT1N241M
Q	1301 (A,128,16)	TRANSISTOR(SC-70)	2SA1602A
Q	1302 (A,24,35)	TRANSISTOR	2SA1577
Q	1303 (A,133,18)	TRANSISTOR	2SC4154
Q	1304 (A,19,31)	TRANSISTOR	2SC4154
Q	1402 (A,132,25)	TRANSISTOR(SC-70)	2SA1602A
Q	1413 (A,130,29)	TRANSISTOR	RT1N241M
Q	3131 (A,181,35)	TRANSISTOR	2SA1036K
Q	3132 (A,189,34)	DIGITAL TR(SC-70)	RT1N431M
Q	3601 (A,296,95)	TRANSISTOR	IMX9
Q	3602 (A,300,79)	DIGITAL TR(SC-70)	RT1P241M
Q	3603 (A,289,93)	TRANSISTOR	IMX9
Q	3604 (A,269,27)	DIGITAL TR(SC-70)	RT1P241M
Q	4005 (A,99,83)	CHIP TRANSISTOR	HN1A01FU
Q	4006 (A,151,31)	TRANSISTOR	RT1N241M
Q	4951 (A,65,15)	TRANSISTOR	RT1N241M
Q	5525 (A,103,40)	DIGITAL TR(SC-70)	RT1N431M
Q	5703 (A,41,68)	CHIP TRANSISTOR	HN1C01FU
Q	5931 (A,86,99)	TRANSISTOR	RT1N241M
Q	5932 (A,78,98)	TRANSISTOR	RT3N22M
Q	5934 (A,82,103)	TRANSISTOR(SC-70)	2SA1602A
Q	5935 (A,74,94)	TRANSISTOR(SC-70)	2SA1602A
Q	5936 (A,78,103)	DIGITAL TR(SC-70)	RT1P241M
D	1403 (A,127,13)	DIODE	MC2846-11
D	1415 (A,134,30)	DIODE	UDZS4R7(B)
D	3101 (A,264,26)	DIODE	MC2846-11
D	3131 (A,184,39)	DIODE	UDZS18(B)
D	3133 (A,181,42)	DIODE	1SS352
D	3134 (A,183,42)	DIODE	UDZS15(B)
D	3191 (A,198,26)	DIODE	UDZS4R7(B)
D	3603 (A,313,81)	DIODE	UDZS12(B)
D	4961 (A,50,12)	DIODE	UDZS3R9(B)
D	4962 (A,50,14)	DIODE	UDZS3R9(B)
D	5931 (A,78,107)	DIODE	1SS352
D	5933 (A,66,98)	DIODE	1SS352

Mark	No.	Description	Part No.
D	5936 (A,74,99)	DIODE	1SS352
L	772 (A,124,45)	CHIP SOLID INDUCTOR	ATL7002
L	1501 (A,93,33)	AXIAL INDUCTOR	LAU220J
L	3201 (A,284,68)	INDUCTORS	ATH7019
L	3202 (A,267,68)	INDUCTORS	ATH7019
L	3301 (A,251,68)	INDUCTORS	ATH7019
L	3302 (A,234,68)	INDUCTORS	ATH7019
L	3401 (A,218,68)	INDUCTORS	ATH7019
L	3402 (A,201,68)	INDUCTORS	ATH7019
L	4951 (A,156,17)	INDUCTOR	CTF1346
L	4952 (A,151,17)	INDUCTOR	CTF1346
L	5931 (A,74,107)	CHIP SOLID INDUCTOR	QTL1013
L	5932 (A,74,102)	CHIP SOLID INDUCTOR	QTL1013
L	5933 (A,62,103)	CHIP SOLID INDUCTOR	QTL1013
L	5934 (A,62,98)	CHIP SOLID INDUCTOR	QTL1013
JA	403 (A,52,114)	JACK	XKB3069
JA	5931 (A,67,112)	MINI JACK(4P) /W SW	XKN3015
X	3101 (A,254,16)	CRYSTAL RESONATOR (13.5 MHz)	ASS7062
X	4004 (A,133,65)	CRYSTAL RESONATOR (12.288 MHz)	VSS1140
X	5501 (A,86,41)	CERAMIC RESONATOR (10 MHz)	ASS7034
X	5701 (A,61,73)	CRYSTAL RESONATOR (4.332 MHz)	ASS7004
CN	451 (A,54,83)	CONNECTOR	9604S-23C
CN	1001 (A,107,8)	CONNECTOR ASS'Y	PG13KA-F07
CN	3111 (A,279,114)	PIN JACK(4P)	AKB7114
CN	3201 (A,176,61)	2P CONNECTOR	B2P-VH
CN	3211 (A,225,114)	6CH SPEAKER JACK(V0)	AKE7121
CN	5501 (A,100,30)	CONNECTOR	9604S-07C
CN	5603 (A,36,12)	27P CONNECTOR	VKN1258
CN	5605 (A,17,62)	13P CONNECTOR	VKN1244
CN	5701 (A,36,61)	CONNECTOR	9604S-11C
CN	9000 (A,23,78)	17P CONNECTOR	VKN1248
CN	9001 (A,98,11)	CONNECTOR	9604S-29C
	102 (A,44,8)	PCB BINDER	VEF1040
	101 (A,312,49)	PCB BINDER	VEF1040

RESISTORS

Mark	No.	Description	Part No.
R	421 (A,51,99)		RS1/10S75R0F
R	491 (A,75,75)		RS1/16S103J
R	771 (A,124,47)		RS1/16S221J
R	772 (A,128,46)		RS1/16S104J
R	1301 (A,132,15)		RS1/16S473J
R	1302 (A,129,18)		RS1/16S392J
R	1303 (A,23,33)		RS1/16S473J
R	1304 (A,23,31)		RS1/10S561J
R	1306 (A,18,35)		RS1/16S103J
R	1307 (A,129,20)		RS1/16S472J
R	1401 (A,129,21)		RS1/16S392J
R	1402 (A,134,21)		RS1/16S332J
R	1403 (A,132,23)		RS1/16S473J
R	1404 (A,135,26)		RS1/16S393J
R	1415 (A,129,24)		RS1/16S182J
R	3101 (A,226,12)		RS1/16S221J
R	3102 (A,229,12)		RS1/16S221J
R	3103 (A,263,10)		RS1/16S4R7J
R	3104 (A,243,11)		RAB4C221J
R	3106 (A,248,17)		RS1/16S105J

Mark	No.	Description	Part No.
R	3107 (A,249,20)		RAB4C470J
R	3108 (A,249,24)		RAB4C470J
R	3111 (A,227,26)		RS1/16S220J
R	3112 (A,225,16)		RS1/16S470J
R	3113 (A,225,13)		RS1/16S3R3J
R	3114 (A,267,26)		RS1/16S103J
R	3131 (A,181,39)		RS1/16S473J
R	3132 (A,185,37)		RS1/10S123J
R	3133 (A,188,37)		RS1/16S102J
R	3134 (A,188,39)		RS1/16S222J
R	3135 (A,185,42)		RS1/16S102J
R	3141 (A,285,98)		RS1/16S331J
R	3142 (A,291,99)		RS1/16S331J
R	3151 (A,190,12)		RAB4C103J
R	3152 (A,178,29)		RAB4C222J
R	3191 (A,186,98)	RESISTOR (0.1OHM,2W)	ACN7112
R	3192 (A,186,95)		RS1/16S103J
R	3193 (A,185,87)		RS1/16S103J
R	3194 (A,188,92)		RS1/16S104J
R	3195 (A,183,87)		RS1/16S104J
R	3196 (A,188,88)		RS1/16S222J
R	3197 (A,189,84)		RS1/16S103J
⚠ R	3199 (A,186,88)		RS1/16S8R2J
R	3204 (A,270,31)		RS1/16S221J
R	3205 (A,265,32)		RS1/16S103J
R	3206 (A,261,34)		RS1/16S101J
R	3207 (A,261,33)		RS1/16S473J
R	3208 (A,261,36)		RS1/16S472J
⚠ R	3211 (A,275,58)	RESISTOR (2.7 OHM)	ACN7148
⚠ R	3212 (A,261,58)	RESISTOR (2.7 OHM)	ACN7148
⚠ R	3213 (A,273,58)	RESISTOR (2.7 OHM)	ACN7148
⚠ R	3214 (A,259,58)	RESISTOR (2.7 OHM)	ACN7148
R	3215 (A,278,62)	CHIP RESISTOR	RS1/8S1R5J
R	3216 (A,264,62)	CHIP RESISTOR	RS1/8S1R5J
R	3217 (A,269,62)	CHIP RESISTOR	RS1/8S1R5J
R	3218 (A,255,62)	CHIP RESISTOR	RS1/8S1R5J
R	3223 (A,278,37)		RS1/10S821J
R	3224 (A,255,37)		RS1/10S821J
R	3225 (A,280,37)		RS1/10S821J
R	3226 (A,253,37)		RS1/10S821J
⚠ R	3227 (A,286,84)		RS1/10S3R3J
⚠ R	3228 (A,270,84)		RS1/10S3R3J
R	3231 (A,250,98)		RS1/10S472J
R	3232 (A,250,101)		RS1/10S472J
R	3233 (A,251,94)		RS1/10S472J
R	3234 (A,250,109)		RS1/10S472J
⚠ R	3235 (A,252,97)		RS1/16S1R0J
⚠ R	3236 (A,256,97)		RS1/16S1R0J
⚠ R	3237 (A,252,94)		RS1/16S1R0J
⚠ R	3238 (A,250,106)		RS1/16S1R0J
⚠ R	3241 (A,276,56)		RS1/10S180J
⚠ R	3242 (A,262,56)		RS1/10S180J
⚠ R	3243 (A,272,56)		RS1/10S180J
⚠ R	3244 (A,258,56)		RS1/10S180J
R	3304 (A,241,31)		RS1/16S221J
R	3305 (A,235,32)		RS1/16S103J
R	3306 (A,231,34)		RS1/16S101J
R	3307 (A,231,33)		RS1/16S473J
R	3308 (A,231,36)		RS1/16S472J
⚠ R	3311 (A,245,58)	RESISTOR (2.7 OHM)	ACN7148

Mark	No.	Description	Part No.
⚠ R	3312 (A,231,58)	RESISTOR (2.7 OHM)	ACN7148
⚠ R	3313 (A,243,58)	RESISTOR (2.7 OHM)	ACN7148
⚠ R	3314 (A,229,58)	RESISTOR (2.7 OHM)	ACN7148
R	3315 (A,248,62)	CHIP RESISTOR	RS1/8S1R5J
R	3316 (A,234,62)	CHIP RESISTOR	RS1/8S1R5J
R	3317 (A,239,62)	CHIP RESISTOR	RS1/8S1R5J
R	3318 (A,225,62)	CHIP RESISTOR	RS1/8S1R5J
R	3323 (A,248,37)		RS1/10S821J
R	3324 (A,225,37)		RS1/10S821J
R	3325 (A,250,37)		RS1/10S821J
R	3326 (A,223,37)		RS1/10S821J
⚠ R	3327 (A,253,84)		RS1/10S3R3J
⚠ R	3328 (A,237,84)		RS1/10S3R3J
R	3331 (A,223,92)		RS1/10S472J
R	3332 (A,237,92)		RS1/10S472J
R	3333 (A,227,92)		RS1/10S472J
R	3334 (A,213,92)		RS1/10S472J
⚠ R	3335 (A,220,92)		RS1/16S1R0J
⚠ R	3336 (A,240,92)		RS1/16S1R0J
⚠ R	3337 (A,230,92)		RS1/16S1R0J
⚠ R	3338 (A,210,92)		RS1/16S1R0J
⚠ R	3341 (A,246,56)		RS1/10S180J
⚠ R	3342 (A,232,56)		RS1/10S180J
⚠ R	3343 (A,242,56)		RS1/10S180J
⚠ R	3344 (A,228,56)		RS1/10S180J
R	3404 (A,211,31)		RS1/16S221J
R	3405 (A,205,32)		RS1/16S103J
R	3406 (A,201,34)		RS1/16S101J
R	3407 (A,201,33)		RS1/16S473J
R	3408 (A,201,36)		RS1/16S472J
⚠ R	3411 (A,215,58)	RESISTOR (2.7 OHM)	ACN7148
⚠ R	3412 (A,201,58)	RESISTOR (2.7 OHM)	ACN7148
⚠ R	3413 (A,213,58)	RESISTOR (2.7 OHM)	ACN7148
⚠ R	3414 (A,199,58)	RESISTOR (2.7 OHM)	ACN7148
R	3415 (A,218,62)	CHIP RESISTOR	RS1/8S1R5J
R	3416 (A,204,62)	CHIP RESISTOR	RS1/8S1R5J
R	3417 (A,209,62)	CHIP RESISTOR	RS1/8S1R5J
R	3418 (A,195,62)	CHIP RESISTOR	RS1/8S1R5J
R	3423 (A,218,37)		RS1/10S821J
R	3424 (A,195,37)		RS1/10S821J
R	3425 (A,220,37)		RS1/10S821J
R	3426 (A,193,37)		RS1/10S821J
⚠ R	3427 (A,220,84)		RS1/10S3R3J
⚠ R	3428 (A,204,84)		RS1/10S3R3J
R	3431 (A,199,98)		RS1/10S472J
R	3432 (A,199,105)		RS1/10S472J
R	3433 (A,199,102)		RS1/10S472J
R	3434 (A,199,108)		RS1/10S472J
⚠ R	3435 (A,197,99)		RS1/16S1R0J
⚠ R	3436 (A,197,105)		RS1/16S1R0J
⚠ R	3437 (A,197,102)		RS1/16S1R0J
⚠ R	3438 (A,197,108)		RS1/16S1R0J
⚠ R	3441 (A,216,56)		RS1/10S180J
⚠ R	3442 (A,202,56)		RS1/10S180J
⚠ R	3443 (A,212,56)		RS1/10S180J
⚠ R	3444 (A,198,56)		RS1/10S180J
R	3601 (A,312,85)		RAB4C472J
R	3605 (A,304,85)		RS1/16S472J
R	3606 (A,304,105)		RS1/16S472J

Mark	No.	Description	Part No.
R	3607 (A,308,88)		RS1/16S472J
R	3608 (A,308,102)		RS1/16S472J
R	3609 (A,303,89)		RS1/16S103J
R	3610 (A,303,101)		RS1/16S103J
R	3611 (A,307,88)		RS1/16S103J
R	3612 (A,307,102)		RS1/16S103J
R	3613 (A,300,90)		RS1/16S473J
R	3614 (A,300,100)		RS1/16S473J
R	3615 (A,299,90)		RS1/16S102J
R	3616 (A,299,100)		RS1/16S102J
R	3617 (A,299,93)		RS1/16S472J
R	3618 (A,299,97)		RS1/16S472J
R	3619 (A,286,92)		RS1/16S221J
R	3620 (A,286,95)		RS1/16S221J
⚠ R	3621 (A,315,90)		RS1/16S8R2J
R	3623 (A,313,90)		RS1/16S222J
R	3629 (A,297,90)		RS1/16S821J
R	3630 (A,297,100)		RS1/16S821J
R	3631 (A,292,92)		RS1/16S472J
R	3632 (A,292,95)		RS1/16S472J
R	3901 (A,216,17)		RAB4C472J
R	3905 (A,213,12)		RS1/16S562J
R	3906 (A,213,23)		RS1/16S562J
R	3907 (A,213,13)		RS1/16S562J
R	3908 (A,213,21)		RS1/16S562J
R	3909 (A,209,11)		RS1/16S183J
R	3910 (A,209,22)		RS1/16S183J
R	3911 (A,209,14)		RS1/16S183J
R	3912 (A,209,17)		RS1/16S183J
R	3913 (A,220,15)		RS1/16S472J
R	3914 (A,219,20)		RS1/16S472J
R	3915 (A,219,15)		RS1/16S472J
R	3916 (A,220,19)		RS1/16S472J
⚠ R	3921 (A,202,16)		RS1/16S8R2J
R	3923 (A,200,16)		RS1/16S103J
R	3924 (A,200,13)		RS1/16S103J
R	4006 (A,156,30)		RS1/16S103J
R	4009 (A,95,85)		RS1/16S102J
R	4010 (A,103,80)		RS1/16S102J
R	4011 (A,91,68)		RS1/16S223J
R	4012 (A,102,71)		RS1/16S223J
R	4013 (A,91,69)		RS1/16S223J
R	4014 (A,102,68)		RS1/16S223J
R	4015 (A,88,78)		RS1/16S223J
R	4016 (A,103,76)		RS1/16S223J
R	4017 (A,90,78)		RS1/16S223J
R	4018 (A,104,74)		RS1/16S223J
R	4019 (A,101,62)		RS1/16S272J
R	4020 (A,100,68)		RS1/16S272J
R	4021 (A,95,83)		RS1/16S224J
R	4022 (A,103,84)		RS1/16S224J
R	4023 (A,91,85)		RS1/16S102J
R	4024 (A,104,80)		RS1/16S102J
R	4025 (A,116,67)		RS1/16S102J
R	4026 (A,116,66)		RS1/16S102J
R	4027 (A,91,74)		RS1/16S473J
R	4039 (A,92,93)		RS1/16S153J
R	4040 (A,103,82)		RS1/16S153J
R	4048 (A,117,92)		RS1/16S182J

Mark	No.	Description	Part No.
R	4049	(A,125,92)	RAB4C101J
R	4052	(A,121,67)	RS1/16S0R0J
R	4053	(A,121,70)	RS1/16S101J
R	4054	(A,124,71)	RS1/16S101J
R	4055	(A,128,71)	RS1/16S105J
R	4056	(A,128,65)	RS1/16S101J
R	4057	(A,109,86)	RS1/16S0R0J
R	4060	(A,112,92)	RS1/16S0R0J
R	4061	(A,130,89)	RS1/16S221J
R	4062	(A,126,88)	RS1/16S221J
R	4063	(A,128,80)	RS1/16S221J
R	4065	(A,138,84)	RS1/16S221J
R	4066	(A,134,79)	RS1/16S101J
R	4067	(A,137,82)	RS1/16S101J
R	4073	(A,114,92)	RS1/16S332J
R	4081	(A,171,22)	RS1/16S105J
R	4082	(A,173,23)	RS1/16S105J
R	4915	(A,103,77)	RS1/16S473J
R	4951	(A,159,17)	RS1/16S473J
R	4952	(A,153,16)	RS1/16S473J
R	4955	(A,62,16)	RS1/16S182J
R	4965	(A,42,18)	RS1/16S221J
R	4966	(A,54,10)	RS1/16S102J
R	4967	(A,47,12)	RS1/16S332J
R	4968	(A,46,10)	RS1/16S182J
R	4969	(A,42,13)	RAB4C101J
R	5501	(A,85,25)	RAB4C221J
R	5502	(A,60,18)	RS1/16S104J
R	5505	(A,86,28)	RS1/16S221J
R	5506	(A,86,29)	RS1/16S221J
R	5507	(A,86,31)	RS1/16S221J
R	5508	(A,86,32)	RS1/16S222J
R	5509	(A,90,29)	RS1/16S0R0J
R	5510	(A,98,41)	RS1/16S473J
R	5513	(A,93,25)	RS1/16S153J
R	5514	(A,93,24)	RS1/16S473J
R	5515	(A,90,25)	RS1/16S823J
R	5516	(A,90,24)	RS1/16S473J
R	5517	(A,105,49)	RAB4C221J
R	5518	(A,98,50)	RS1/16S105J
R	5519	(A,106,29)	RS1/16S103J
R	5520	(A,103,29)	RS1/16S103J
R	5521	(A,108,41)	RS1/16S221J
R	5527	(A,83,55)	RAB4C221J
R	5531	(A,64,19)	RS1/16S0R0J
R	5541	(A,68,67)	RAB4C221J
R	5543	(A,118,52)	RS1/16S0R0J
R	5544	(A,72,71)	RS1/16S0R0J
R	5546	(A,72,74)	RS1/16S103J
R	5547	(A,70,73)	RS1/16S103J
R	5548	(A,49,55)	RAB4C221J
R	5557	(A,49,48)	RAB4C221J
R	5558	(A,34,47)	RS1/16S473J
R	5559	(A,26,46)	RS1/16S473J
R	5562	(A,49,45)	RS1/16S221J
R	5564	(A,49,44)	RS1/16S221J
R	5565	(A,49,42)	RS1/16S221J
R	5566	(A,49,40)	RAB4C221J
R	5569	(A,91,52)	RS1/16S221J
R	5570	(A,49,36)	RAB4C221J
R	5571	(A,53,33)	RS1/16S102J
R	5574	(A,67,19)	RS1/16S104J
R	5577	(A,50,29)	RAB4C221J
R	5581	(A,53,25)	RS1/16S221J
R	5582	(A,60,23)	RS1/16S221J
R	5583	(A,61,23)	RS1/16S103J
R	5584	(A,63,23)	RS1/16S221J
R	5590	(A,71,19)	RAB4C221J
R	5597	(A,70,16)	RS1/16S153J
R	5605	(A,21,47)	RS1/16S101J
R	5712	(A,27,66)	RS1/16S272J
R	5713	(A,27,71)	RS1/16S272J
R	5931	(A,78,105)	RS1/16S182J
R	5933	(A,70,98)	RS1/16S104J
R	5934	(A,69,95)	RS1/16S102J
R	5935	(A,71,95)	RS1/16S103J
R	5936	(A,82,105)	RS1/16S182J
R	5937	(A,87,102)	RS1/16S473J
R	5938	(A,82,100)	RS1/16S272J
R	5939	(A,82,99)	RS1/16S332J
R	5940	(A,74,101)	RS1/16S101J
R	5942	(A,74,97)	RS1/16S104J

CAPACITORS

C	427	(A,56,92) ELECT. CAPACITOR	CEAT102M6R3
C	771	(A,121,34)	CKSQYB105K16
C	773	(A,121,37)	CKSRYB104K16
C	781	(A,127,42)	CEAT100M50
C	782	(A,136,49)	CKSQYB225K10
C	1205	(A,24,14)	CKSRYB104K16
C	1206	(A,59,20)	CKSRYB104K16
C	1207	(A,77,13)	CKSRYB102K50
C	1208	(A,83,17)	CCSRCH471J50
C	1209	(A,113,21)	CKSRYB104K16
C	1210	(A,116,16)	CKSRYB104K16
C	1211	(A,113,14)	CKSRYB104K16
C	1301	(A,18,33)	CKSRYB105K6R3
C	1501	(A,90,44)	CKSRYB103K50
C	1502	(A,97,44)	CKSRYB104K16
C	1505	(A,87,46)	CEAT101M10
C	3101	(A,229,14)	CKSRYB224K16
C	3102	(A,228,12)	CKSRYB103K50
C	3103	(A,228,8)	CKSRYB104K16
C	3104	(A,232,8)	CKSRYB104K16
C	3105	(A,231,12)	CKSRYB103K50
C	3106	(A,234,10)	CKSRYB104K16
C	3107	(A,236,10)	CKSRYB104K16
C	3108	(A,249,9)	CEVW100M10
C	3109	(A,237,10)	CKSRYB102K50
C	3110	(A,244,14)	CKSRYB104K16
C	3111	(A,257,9)	CEVW100M10
C	3112	(A,245,15)	CKSRYB104K16
C	3113	(A,247,15)	CCSRCH180J50
C	3114	(A,248,15)	CCSRCH150J50
C	3115	(A,245,26)	CKSRYB474K10
C	3116	(A,246,26)	CKSRYB104K16
C	3117	(A,255,25)	CEVW100M10
C	3118	(A,231,28)	CKSRYB104K16
C	3119	(A,227,23)	CKSRYB104K16

Mark	No.	Description	Part No.
C	3120 (A,224,25)		CEVW100M10
C	3141 (A,285,99)		CCSRCH221J50
C	3142 (A,288,99)		CCSRCH221J50
C	3151 (A,175,46)		CKSRYB104K16
C	3192 (A,186,92)		CKSRYB104K25
C	3201 (A,276,38)		CKSQYB105K16
C	3202 (A,258,38)		CKSQYB105K16
C	3203 (A,267,33)		CKSRYB104K16
C	3204 (A,261,37)		CKSRYB104K16
C	3211 (A,279,57)		CKSQYB104K50
C	3212 (A,265,57)		CKSQYB104K50
C	3213 (A,269,57)		CKSQYB104K50
C	3214 (A,255,57)		CKSQYB104K50
C	3215 (A,275,63)		CKSRYB333K50
C	3216 (A,261,63)		CKSRYB333K50
C	3217 (A,273,63)		CKSRYB333K50
C	3218 (A,259,63)		CKSRYB333K50
C	3221 (A,278,89)	ELECT. CAPACITOR	CEAT102M25
C	3223 (A,284,84)		CKSRYB103K50
C	3224 (A,267,84)		CKSRYB103K50
C	3225 (A,273,84)		CKSRYB102K50
C	3226 (A,256,84)		CKSRYB102K50
C	3227 (A,276,47)		CKSRYB104K25
C	3228 (A,257,47)		CKSRYB104K25
C	3231 (A,276,83)		CFTLA474J50
C	3232 (A,259,83)		CFTLA474J50
C	3233 (A,238,100)		CKSRYB104K25
C	3234 (A,240,106)		CKSRYB104K25
C	3235 (A,240,100)		CKSRYB104K25
C	3236 (A,243,106)		CKSRYB104K25
C	3237 (A,255,97)		CKSRYB103K50
C	3238 (A,258,97)		CKSRYB103K50
C	3239 (A,255,94)		CKSRYB103K50
C	3240 (A,250,104)		CKSRYB103K50
C	3241 (A,277,54)		CKSRYB331K50
C	3242 (A,263,54)		CKSRYB331K50
C	3243 (A,271,54)		CKSRYB331K50
C	3244 (A,257,54)		CKSRYB331K50
C	3301 (A,246,38)		CKSQYB105K16
C	3302 (A,228,38)		CKSQYB105K16
C	3303 (A,237,33)		CKSRYB104K16
C	3304 (A,231,37)		CKSRYB104K16
C	3311 (A,249,57)		CKSQYB104K50
C	3312 (A,235,57)		CKSQYB104K50
C	3313 (A,239,57)		CKSQYB104K50
C	3314 (A,225,57)		CKSQYB104K50
C	3315 (A,245,63)		CKSRYB333K50
C	3316 (A,231,63)		CKSRYB333K50
C	3317 (A,243,63)		CKSRYB333K50
C	3318 (A,229,63)		CKSRYB333K50
C	3321 (A,262,89)	ELECT. CAPACITOR	CEAT102M25
C	3323 (A,251,84)		CKSRYB103K50
C	3324 (A,234,84)		CKSRYB103K50
C	3325 (A,240,84)		CKSRYB102K50
C	3326 (A,223,84)		CKSRYB102K50
C	3327 (A,246,47)		CKSRYB104K25
C	3328 (A,227,47)		CKSRYB104K25
C	3331 (A,243,83)		CFTLA474J50
C	3332 (A,226,83)		CFTLA474J50
C	3333 (A,222,100)		CKSRYB104K25

Mark	No.	Description	Part No.
C	3334 (A,229,105)		CKSRYB104K25
C	3335 (A,225,100)		CKSRYB104K25
C	3336 (A,226,105)		CKSRYB104K25
C	3337 (A,217,92)		CKSRYB103K50
C	3338 (A,243,92)		CKSRYB103K50
C	3339 (A,233,92)		CKSRYB103K50
C	3340 (A,207,92)		CKSRYB103K50
C	3341 (A,247,54)		CKSRYB331K50
C	3342 (A,233,54)		CKSRYB331K50
C	3343 (A,241,54)		CKSRYB331K50
C	3344 (A,227,54)		CKSRYB331K50
C	3401 (A,216,38)		CKSQYB105K16
C	3402 (A,198,38)		CKSQYB105K16
C	3403 (A,207,33)		CKSRYB104K16
C	3404 (A,201,37)		CKSRYB104K16
C	3411 (A,219,57)		CKSQYB104K50
C	3412 (A,205,57)		CKSQYB104K50
C	3413 (A,209,57)		CKSQYB104K50
C	3414 (A,195,57)		CKSQYB104K50
C	3415 (A,215,63)		CKSRYB333K50
C	3416 (A,201,63)		CKSRYB333K50
C	3417 (A,213,63)		CKSRYB333K50
C	3418 (A,199,63)		CKSRYB333K50
C	3421 (A,196,89)	ELECT. CAPACITOR	CEAT102M25
C	3423 (A,218,84)		CKSRYB103K50
C	3424 (A,201,84)		CKSRYB103K50
C	3425 (A,207,84)		CKSRYB102K50
C	3426 (A,190,82)		CKSRYB102K50
C	3427 (A,216,47)		CKSRYB104K25
C	3428 (A,197,47)		CKSRYB104K25
C	3431 (A,210,83)		CFTLA474J50
C	3432 (A,193,83)		CFTLA474J50
C	3433 (A,208,100)		CKSRYB104K25
C	3434 (A,214,105)		CKSRYB104K25
C	3435 (A,210,100)		CKSRYB104K25
C	3436 (A,211,105)		CKSRYB104K25
C	3437 (A,195,99)		CKSRYB103K50
C	3438 (A,195,105)		CKSRYB103K50
C	3439 (A,195,102)		CKSRYB103K50
C	3440 (A,195,108)		CKSRYB103K50
C	3441 (A,217,54)		CKSRYB331K50
C	3442 (A,203,54)		CKSRYB331K50
C	3443 (A,211,54)		CKSRYB331K50
C	3444 (A,197,54)		CKSRYB331K50
C	3601 (A,305,85)		CCSRCH821J50
C	3602 (A,305,105)		CCSRCH821J50
C	3603 (A,308,85)		CCSRCH821J50
C	3604 (A,308,105)		CCSRCH821J50
C	3605 (A,303,87)		CCSRCH331J50
C	3606 (A,303,102)		CCSRCH331J50
C	3607 (A,307,85)		CCSRCH331J50
C	3608 (A,307,105)		CCSRCH331J50
C	3609 (A,299,85)		CEVW100M16
C	3610 (A,300,106)		CEVW100M16
C	3611 (A,296,90)		CCSRCH821J50
C	3612 (A,296,100)		CCSRCH821J50
C	3621 (A,312,102)		CEVW100M25
C	3622 (A,313,95)		CEVW100M16
C	3623 (A,310,97)		CKSRYB104K25

Mark	No.	Description	Part No.
C	3624	(A,310,94)	CKSRYB104K16
C	3901	(A,212,15)	CCSRCH681J50
C	3902	(A,212,19)	CCSRCH681J50
C	3903	(A,214,15)	CCSRCH681J50
C	3904	(A,214,19)	CCSRCH681J50
C	3905	(A,211,12)	CCSRCH181J50
C	3906	(A,211,22)	CCSRCH181J50
C	3907	(A,211,15)	CCSRCH561J50
C	3908	(A,211,19)	CCSRCH561J50
C	3921	(A,215,8)	CEVW100M25
C	3922	(A,223,8)	CEVW100M16
C	3923	(A,202,20)	CKSRYB104K25
C	3924	(A,202,13)	CKSRYB104K16
C	4001	(A,97,69)	CKSRYB103K50
C	4011	(A,95,65)	CEAT100M50
C	4012	(A,112,64)	CEAT100M50
C	4015	(A,87,72)	CEAT100M50
C	4016	(A,105,71)	CEAT100M50
C	4019	(A,105,64)	CEAT100M50
C	4020	(A,118,62)	CEAT100M50
C	4021	(A,97,93)	CKSRYB104K16
C	4022	(A,101,93)	CKSRYB104K16
C	4023	(A,96,89) ELECT. CAPACITOR	CEAT470M35
C	4024	(A,125,59)	CEAT221M6R3
C	4025	(A,90,89)	CEAT100M50
C	4026	(A,102,89)	CEAT100M50
C	4041	(A,119,78)	CEAT100M50
C	4042	(A,114,78)	CKSRYB104K16
C	4043	(A,108,78)	CEAT2R2M50
C	4044	(A,112,78)	CKSRYB104K16
C	4045	(A,121,84)	CEAT100M50
C	4046	(A,124,87)	CKSRYB104K16
C	4048	(A,115,92)	CKSRYB103K50
C	4052	(A,120,67)	CKSRYB104K16
C	4056	(A,130,65)	CCSRCH270J50
C	4057	(A,130,71)	CCSRCH270J50
C	4064	(A,134,88)	CKSRYB104K16
C	4951	(A,158,21)	CEAT101M16
C	4952	(A,149,21)	CEAT101M16
C	4961	(A,55,15)	CKSRYB105K16
C	4962	(A,54,17)	CKSRYB104K16
C	4963	(A,54,12)	CKSQYB225K10
C	4965	(A,54,20)	CKSQYB225K10
C	4966	(A,54,19)	CKSRYB104K16
C	4967	(A,49,8) ELECT. CAPACITOR	CEAT220M25
C	4968	(A,45,12)	CKSRYB103K50
C	5502	(A,94,46)	CEAT101M10
C	5504	(A,88,24)	CKSRYB103K50
C	5508	(A,88,29)	CKSRYB103K50
C	5509	(A,83,35)	CKSRYB104K16
C	5517	(A,82,42)	CKSRYB103K50
C	5518	(A,82,44)	CKSRYB104K16
C	5519	(A,103,32)	CKSRYB103K50
C	5521	(A,106,45)	CKSRYB104K16
C	5522	(A,106,41)	CKSRYB103K50
C	5524	(A,101,44)	CEAT100M50
C	5539	(A,69,57)	CKSRYB104K16
C	5555	(A,54,48)	CKSRYB104K16
C	5557	(A,33,42)	CKSRYB104K16

Mark	No.	Description	Part No.
C	5558	(A,35,47)	CCSRCH470J50
C	5577	(A,53,30)	CKSRYB103K50
C	5578	(A,53,28)	CKSRYB103K50
C	5579	(A,66,19)	CKSRYB102K50
C	5589	(A,67,23)	CKSRYB104K16
C	5601	(A,135,11)	CKSRYB102K50
C	5602	(A,86,16)	CKSRYB102K50
C	5603	(A,135,8)	CKSRYB102K50
C	5604	(A,97,17)	CKSRYB104K16
C	5605	(A,98,17)	CKSRYB104K16
C	5606	(A,78,17)	CKSRYB102K50
C	5701	(A,30,56)	CCSRCH101J50
C	5703	(A,38,56)	CCSRCH101J50
C	5707	(A,38,64)	CKSRYB102K50
C	5708	(A,42,62) ELECT. CAPACITOR	CEAT470M35
C	5712	(A,56,71)	CCSRCH270J50
C	5713	(A,45,71)	CKSRYB472K50
C	5714	(A,56,68)	CCSRCH270J50
C	5715	(A,55,65)	CKSRYB103K50
C	5716	(A,45,63)	CCSRCH561J50
C	5719	(A,52,77)	CEAT100M50
C	5720	(A,58,61) ELECT. CAPACITOR	CEAT470M35
C	5931	(A,74,105)	CCSRCH221J50
C	5932	(A,74,104)	CCSRCH221J50
C	5936	(A,82,107)	CCSRCH221J50

C COMPLEX ASSY

MISCELLANEOUS

Mark	No.	Description	Part No.
IC	5901	(B,64,40) FL DRIVER IC	PT6315
Q	5971	(B,193,28) DIGITAL TR(SC-70)	RT1P241M
Q	5973	(B,214,18) TRANSISTOR	IMX9
Q	5974	(B,213,24) TRANSISTOR	IMX9
D	601	(B,228,46) ZENER DIODE	UMZU6.2N
L	5901	(A,34,47) AXIAL INDUCTOR	LAU220J
L	5902	(A,89,37) AXIAL INDUCTOR	LAU100J
L	5971	(B,214,39) INDUCTOR	CTF1306
L	5972	(B,201,27) INDUCTOR	CTF1306
L	5974	(B,196,27) INDUCTOR	CTF1306
JA	602	(A,230,36) JACK	XKB3056
JA	5901	(A,203,39) MINITURE JACK	AKN7005
V	5901	(A,37,27) FL TUBE	AAV7104
S	5962	(A,207,52) SWITCH	VSG1024
S	5963	(A,194,52) SWITCH	VSG1024
S	5964	(A,171,52) SWITCH	VSG1024
S	5965	(A,153,52) SWITCH	VSG1024
S	5966	(A,135,52) SWITCH	VSG1024
S	5967	(A,117,52) SWITCH	VSG1024
S	5991	(A,228,52) SWITCH	VSG1024
CN	5902	(A,11,52) CONNECTOR	9607S-27F
	5902	REMOTE RECEIVER UNIT	GP1UE274XKC1
	5971	FL SPACER	AEB7367

RESISTORS

Mark	No.	Description	Part No.
R	5901	(B,44,45)	RS1/16S221J
R	5902	(B,39,45)	RS1/16S221J
R	5903	(B,56,50)	RS1/16S221J
R	5904	(B,48,45)	RS1/16S823J
R	5951	(B,20,48)	RS1/16S470J

Mark	No.	Description	Part No.
R	5954 (B,31,33)		RS1/16S101J
R	5962 (B,203,52)		RS1/16S102J
R	5963 (B,198,52)		RS1/16S122J
R	5964 (B,174,48)		RS1/16S152J
R	5965 (B,131,50)		RS1/16S182J
R	5966 (B,115,47)		RS1/16S102J
R	5971 (B,219,26)		RS1/10S680J
R	5972 (B,205,19)		RS1/10S680J
R	5973 (B,217,26)		RS1/10S680J
R	5974 (B,203,19)		RS1/10S680J
R	5975 (B,218,22)		RS1/16S222J
R	5976 (B,218,16)		RS1/16S222J
R	5977 (B,213,28)		RS1/16S222J
R	5978 (B,211,18)		RS1/16S222J
R	5979 (B,219,30)		RS1/10S680J
R	5980 (B,208,23)		RS1/10S680J
R	5981 (B,217,30)		RS1/10S680J
R	5982 (B,210,23)		RS1/10S680J
R	5983 (B,214,35)		RS1/16S680J
R	5984 (B,203,23)		RS1/16S680J
R	5985 (B,217,35)		RS1/16S680J
R	5986 (B,205,23)		RS1/16S680J
R	5990 (B,199,28)		RS1/16S680J

CAPACITORS

Mark	No.	Description	Part No.
C	601 (B,222,42)		CKSRYB104K50
C	602 (A,216,43)		CEAT221M6R3
C	605 (B,220,42)		CKSRYB104K50
C	5907 (A,115,21)	ELECTR. CAPACITOR	CEAL470M35
C	5911 (B,31,43)		CKSRYB223K50
C	5912 (B,46,39)		CKSRYB223K50
C	5913 (A,42,41)		CEAL470M6R3
C	5915 (B,69,49)		CKSRYB103K50
C	5916 (B,91,34)		CKSRYB223K50
C	5917 (B,79,37)		CKSRYB223K50
C	5918 (A,83,39)	ELECTR. CAPACITOR	CEAL470M35
C	5920 (B,46,45)		CCSRCH221J50
C	5921 (B,41,45)		CCSRCH221J50
C	5922 (B,58,50)		CCSRCH221J50
C	5951 (B,20,37)		CKSRYB223K50
C	5952 (A,19,41)		CEJQ470M10
C	5971 (B,213,31)		CKSRYB102K50
C	5972 (B,207,27)		CKSRYB102K50
C	5973 (B,212,35)		CKSRYB473K25
C	5974 (B,205,27)		CKSRYB473K25
C	5977 (B,199,32)		CKSRYB103K50

D EUROSCART ASSY

MISCELLANEOUS

Mark	No.	Description	Part No.
IC	471 (B,38,46)	VIDEO SW IC	MM1505XN
IC	472 (B,29,48)	VIDEO SW IC	MM1507XN
Q	461 (B,68,68)	CHIP TRANSISTOR	RT3WLMM
Q	462 (B,47,65)	CHIP TRANSISTOR	RT3WLMM
Q	463 (B,52,70)	DIGITAL TR(SC-70)	RT1P441M
Q	472 (B,25,67)	TRANSISTOR	RT1N241M
Q	492 (B,80,40)	DIGITAL TR(SC-70)	RT1P241M
Q	493 (B,74,45)	TRANSISTOR	IMX9
D	471 (B,49,41)	DIODE	MC2846-11
D	472 (B,43,41)	DIODE	MC2848-11
D	473 (B,32,41)	DIODE	MC2846-11
D	474 (B,38,41)	DIODE	MC2848-11
JA	451 (A,62,8)	CONNECTOR	XKB3054
CN	461 (A,89,31)	CONNECTOR	CKS3388

RESISTORS

Mark	No.	Description	Part No.
R	461 (B,62,69)		RS1/16S223J
R	462 (B,62,67)		RS1/16S122J
R	463 (B,73,65)		RS1/16S472J
R	464 (B,52,65)		RS1/16S472J
R	465 (B,73,67)		RS1/16S563J
R	466 (B,30,66)		RS1/16S103J
R	467 (B,41,69)		RS1/16S122J
R	468 (B,41,71)		RS1/16S122J
R	469 (B,41,67)		RS1/16S102J
R	470 (B,46,72)		RS1/16S821J
R	471 (B,46,70)		RS1/16S561J
R	472 (B,30,64)		RS1/16S223J
R	473 (B,52,73)		RS1/16S563J
R	474 (B,58,28)	CHIP RESISTOR	RS1/16S75R0F
R	475 (B,53,28)	CHIP RESISTOR	RS1/16S75R0F
R	476 (B,47,28)	CHIP RESISTOR	RS1/16S75R0F
R	477 (B,27,27)	CHIP RESISTOR	RS1/16S75R0F
R	478 (B,40,28)	CHIP RESISTOR	RS1/16S75R0F
R	481 (B,71,37)		RS1/16S102J
R	482 (B,71,35)		RS1/16S102J
R	483 (B,59,38)		RS1/16S473J
R	484 (B,63,38)		RS1/16S473J
R	485 (B,59,36)		RS1/16S471J
R	486 (B,63,36)		RS1/16S471J
R	493 (B,76,42)		RS1/16S472J
R	494 (B,76,40)		RS1/16S472J
R	495 (B,89,23)		RS1/16S331J
R	496 (B,85,23)		RS1/16S331J

CAPACITORS

Mark	No.	Description	Part No.
C	464 (B,66,65)		CKSRYB104K50
C	470 (B,41,73)		CKSRYB104K50
C	471 (A,35,57)		CEAT100M50
C	472 (B,39,52)		CKSRYB104K50
C	473 (B,24,57)		CKSRYB104K50
C	474 (B,24,61)		CKSRYB104K50
C	475 (B,43,44)		CKSRYB104K50
C	476 (B,29,45)		CKSRYB104K50
C	477 (A,52,37)	ELECT. CAPACITOR	CEAT471M6R3
C	478 (A,45,37)	ELECT. CAPACITOR	CEAT471M6R3
C	479 (A,38,37)	ELECT. CAPACITOR	CEAT471M6R3
C	480 (A,30,37)	ELECT. CAPACITOR	CEAT102M6R3
C	481 (A,65,49)		CEAT100M50
C	482 (A,65,42)		CEAT100M50
C	483 (B,59,34)		CCSRCH331J50
C	484 (B,63,34)		CCSRCH331J50
C	485 (B,89,21)		CCSRCH101J50
C	486 (B,85,21)		CCSRCH101J50
C	487 (B,58,26)		CCSRCH470J50
C	488 (B,23,25)		CKSRYB104K50
C	489 (B,53,26)		CCSRCH470J50
C	490 (B,47,26)		CCSRCH470J50
C	491 (B,27,25)		CCSRCH470J50
C	492 (B,40,26)		CCSRCH470J50

E DSP ASSY (XV-DV575, XV-DV580)

MISCELLANEOUS

Mark	No.	Description	Part No.
IC	601	(A,87,53) DIR IC	AK4117VF
IC	650	(A,66,36) IC	TC7SH08FUS1
IC	801	(A,31,48) DSP IC	DSPC56371AF180
IC	802	(A,21,34) IC	TC7WU04FU
IC	851	(B,44,46) FLASH ROM IC	PDC156A8
⚠ IC	901	(A,95,42) LDO REGULATOR	BD00KA5WFP
IC	951	(B,96,55) IC	TC74VHC08FTS1
Q	801	(B,28,40) TRANSISTOR	RT1N241M
L	602	(B,87,49) CHIP SOLID INDUCTOR	QTL1013
L	603	(A,84,58) CHIP SOLID INDUCTOR	QTL1013
L	650	(A,68,39) CHIP SOLID INDUCTOR	QTL1013
L	801	(B,23,41) CHIP SOLID INDUCTOR	QTL1013
L	802	(B,23,37) CHIP SOLID INDUCTOR	QTL1013
L	803	(A,39,37) CHIP SOLID INDUCTOR	ATL7002
L	804	(B,18,50) CHIP SOLID INDUCTOR	ATL7002
L	901	(B,91,36) CHIP SOLID INDUCTOR	ATL7002
L	952	(B,93,46) CHIP SOLID INDUCTOR	QTL1013
KN	901	SCREW PLATE	VNE1948
X	801	(A,16,40) CRYSTAL RESONATOR (24.576MHZ)	XSS3003
CN	701	(A,66,31) 19P SOCKET	XKP3054
CN	901	(A,99,31) 9P SOCKET	XKP3088
CN	951	(A,26,31) 13P SOCKET	XKP3053

RESISTORS

Mark	No.	Description	Part No.
R	601	(B,81,53)	RS1/16S471J
R	603	(B,79,54)	RS1/16S471J
R	604	(A,92,48)	RS1/16S151J
R	605	(B,76,45)	RS1/16S101J
R	606	(B,80,45)	RS1/16S101J
R	607	(B,78,45)	RS1/16S470J
R	608	(B,89,52)	RS1/16S470J
R	610	(A,79,51)	RS1/16S470J
R	612	(B,91,52)	RS1/16S101J
R	616	(A,95,51)	RS1/16S103J
R	617	(A,80,58)	RS1/16S123J
R	755	(A,61,36) RESISTOR ARRAY	RAB4C104J
R	801	(A,42,59)	RS1/16S470J
R	802	(A,34,59)	RAB4C101J
R	803	(B,38,57)	RS1/16S103J
R	804	(B,36,57)	RS1/16S103J
R	805	(B,34,57)	RS1/16S103J
R	806	(B,32,57)	RS1/16S103J
R	807	(B,30,57)	RS1/16S473J
R	810	(A,18,50)	RS1/16S473J
R	811	(B,17,45)	RS1/16S101J
R	812	(B,21,45)	RS1/16S101J
R	813	(B,19,45)	RS1/16S472J
R	814	(B,23,45)	RS1/16S101J
R	815	(B,27,45)	RS1/16S101J
R	816	(B,26,35)	RS1/16S101J
R	817	(B,25,39)	RS1/16S103J
R	818	(A,28,34)	RS1/16S470J
R	821	(A,15,37)	RS1/16S471J
R	822	(A,17,37)	RS1/16S105J
R	823	(A,25,35)	RS1/16S101J
R	825	(A,31,35)	RS1/16S101J
R	827	(B,32,39)	RS1/16S0R0J
R	828	(B,30,39)	RS1/16S103J
R	829	(A,35,37)	RS1/16S473J
R	832	(A,41,42)	RS1/16S470J
R	833	(A,45,45)	RS1/16S470J
R	834	(A,44,48)	RS1/16S470J
R	836	(A,41,50)	RS1/16S470J
R	837	(A,43,57)	RAB4C470J
R	851	(A,41,40)	RS1/16S470J
R	852	(A,40,37)	RS1/16S222J
R	855	(A,48,45)	RS1/16S103J
R	856	(B,40,46)	RS1/16S103J
R	857	(A,48,47)	RS1/16S103J
R	858	(A,49,50)	RS1/16S0R0J
R	901	(B,100,45)	RS1/16S333J
R	902	(B,104,49)	RS1/16S2202F
R	903	(B,98,36)	RS1/16S104J
R	953	(B,37,32)	RS1/16S104J
R	954	(B,35,32)	RS1/16S104J
R	955	(B,28,35)	RS1/16S104J
R	956	(B,33,32)	RS1/16S104J
R	957	(B,21,41)	RS1/16S104J
R	958	(A,13,34)	RS1/16S104J
R	959	(B,12,46)	RS1/16S104J
R	960	(A,11,34)	RS1/16S104J
R	963	(A,94,59)	RS1/16S101J
R	964	(A,97,55)	RS1/16S101J
R	965	(A,100,57)	RAB4C101J

CAPACITORS

Mark	No.	Description	Part No.
C	603	(A,80,57)	CKSRYB103K50
C	606	(A,81,53)	CKSRYB104K16
C	611	(A,90,59)	CKSRYB104K16
C	614	(A,94,55)	CKSRYB102K50
C	617	(A,87,58)	CKSRYB104K16
C	650	(A,68,35)	CKSRYB104K16
C	801	(A,37,57)	CCSRCH471J50
C	802	(A,37,59)	CKSRYB104K16
C	803	(A,31,57)	CKSRYB105K6R3
C	805	(A,25,57)	CCSRCH471J50
C	806	(A,25,58)	CKSRYB104K16
C	807	(A,21,53)	CCSRCH471J50
C	808	(A,19,53)	CKSRYB104K16
C	809	(A,21,50)	CKSRYB105K6R3
C	811	(B,15,46)	CCSRCH221J50
C	813	(B,29,45)	CCSRCH221J50
C	814	(A,20,44)	CCSRCH471J50
C	815	(A,20,45)	CKSRYB104K16
C	816	(A,17,35)	CCSRCH471J50
C	817	(A,16,35)	CKSRYB104K16
C	819	(A,12,37)	CCSRCH5R0C50
C	820	(A,20,37)	CCSRCH5R0C50
C	821	(A,24,38)	CCSRCH471J50
C	822	(A,24,37)	CKSRYB104K16
C	823	(A,27,38)	CKSRYB105K6R3
C	825	(A,29,37)	CKSRYB103K50
C	826	(A,32,38)	CKSRYB105K6R3
C	828	(A,40,44)	CCSRCH471J50
C	829	(A,41,44)	CKSRYB104K16
C	830	(A,41,47)	CKSRYB105K6R3

Mark	No.	Description	Part No.
C	832	(A,41,52)	CCSRCH471J50
C	833	(A,42,52)	CKSRYB104K16
C	851	(B,50,48)	CKSRYB104K16
C	901	(A,100,37)	CKSRYB105K6R3
C	906	(A,104,46)	CKSRYB105K6R3
C	951	(B,92,56)	CKSRYB104K16

F POWER SUPPLY UNIT

POWER SUPPLY UNIT has no service part.

G FM/AM TUNER UNIT

FM/AM TUNER UNIT has no service part.